# STR-DE897

# SERVICE MANUAL

**Ver. 1.2 2005. 04**

*US Model*
*Canadian Model*
*E Model*

Photo: Black type

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## SPECIFICATIONS

### AUDIO POWER SPECIFICATIONS

**POWER OUTPUT AND TOTAL HARMONIC DISTORTION:**
**(Models of area code US only)**
With 8 ohm loads, both channels driven, from 20 – 20,000 Hz; rated 100 watts per channel minimum RMS power, with no more than 0.09 % total harmonic distortion from 250 milliwatts to rated output.

**Amplifier section**

Power Output
Models of area code US, CND
Rated Power Output at Stereo Mode
(8 ohms 20 Hz – 20 kHz, THD 0.09 %)
100 W + 100 W [1)]
Reference Power Output [1)]
(8 ohms 20 Hz – 20 kHz, THD 0.09 %)
FRONT [2)] : 100 W/ch
CENTER [2)] : 100 W
SURR [2)] : 100 W/ch
SURR BACK [2)] : 100 W/ch

(8 ohms 1 kHz, THD 0.7 %)
FRONT [2)] : 110 W/ch
CENTER [2)] : 110 W
SURR [2)] : 110 W/ch
SURR BACK [2)] : 110 W/ch

Models of area code E2
Rated Power Output at Stereo Mode
(8 ohms 1 kHz, THD 0.7 %)
110 W + 110 W [1)]
Reference Power Output [1)]
(8 ohms 1 kHz, THD 10 %)
FRONT [2)] : 130 W/ch
CENTER [2)] : 130 W
SURR [2)] : 130 W/ch
SURR BACK [2)] : 130 W/ch

Models of area code AR
Rated Power Output at Stereo Mode
(8 ohms 1 kHz, THD 0.7 %)
110 W + 110 W [1)]
100 W + 100 W [3)]
Reference Power Output [1)]
(8 ohms 1 kHz, THD 10 %)
FRONT [2)] : 130 W/ch
CENTER [2)] : 130 W
SURR [2)] : 130 W/ch
SURR BACK [2)] : 130 W/ch

– Continued on next page –

## FM STEREO/FM-AM RECEIVER

**9-877-834-03** **Sony Corporation**
2005D04-1 **Audio Group**
© 2005. 04
**Published by Sony Engineering Corporation**

SONY

Models of area code MY, SP
Rated Power Output at Stereo Mode
(8 ohms 1 kHz, THD 0.7 %)
90 W + 90 W [1)]
Reference Power Output [1)]
(8 ohms 1 kHz, THD 10 %)
FRONT [2)] : 115 W/ch
CENTER [2)] : 115 W
SURR [2)] : 115 W/ch
SURR BACK [2)] : 115 W/ch

1) Measured under the following conditions:

| Area code | Power requirements |
|---|---|
| US, CND | 120 V AC, 60 Hz |
| E2 | 240 V AC, 50 Hz |
| AR, MY, SP | 230 V AC, 50 Hz |

2) Depending on the sound field settings and the source, there may be no sound output.
3) Measured under the following conditions:

| Area code | Power requirements |
|---|---|
| AR | 220 V AC, 50 Hz |

Frequency response

| | |
|---|---|
| PHONO | RIAA equalization curve ±0.5 dB |
| MULTI CH IN 1, 2, SA-CD/CD, TV/SAT, MD/TAPE, DVD, VIDEO 1, 2, 3 | 10 Hz – 70 kHz +0.5/–2 dB (with sound field and equalizer bypassed) |

Inputs (Analog)

| | |
|---|---|
| PHONO | Sensitivity: 8 mV<br>Impedance: 50 kiloohms<br>S/N [4)] : 86 dB<br>(A, 8 mV [5)] ) |
| MULTI CH IN 1, 2, SA-CD/CD, TV/SAT, MD/TAPE, DVD, VIDEO 1, 2, 3 | Sensitivity: 500 mV<br>Impedance: 50 kiloohms<br>S/N [4)] : 96 dB<br>(A, 500 mV [5)] ) |

4) INPUT SHORT (with sound field and equalizer bypassed).
5) Weighted network, input level.

Inputs (Digital)

| | |
|---|---|
| DVD, SA-CD/CD (Coaxial) | Sensitivity: –<br>Impedance: 75 ohms<br>S/N: 100 dB<br>(A, 20 kHz LPF) |
| TV/SAT, SA-CD/CD, MD/TAPE, VIDEO 3 (Optical) | Sensitivity: –<br>Impedance: –<br>S/N: 100 dB<br>(A, 20 kHz LPF) |

Outputs (Analog)

| | |
|---|---|
| MD/TAPE (OUT), VIDEO 1, 2 (AUDIO OUT) | Voltage: 500 mV<br>Impedance: 10 kiloohms |
| SUB WOOFER | Voltage: 2 V<br>Impedance: 1 kiloohms |

Outputs (Digital)

| | |
|---|---|
| MD/TAPE (Optical) | Sensitivity: – |

Equalizer

| | |
|---|---|
| Gain levels | ±10 dB, 0.5 dB step |

### FM tuner section

| | |
|---|---|
| Tuning range | 87.5 – 108.0 MHz |
| Antenna | FM wire antenna |
| Antenna terminals | 75 ohms, unbalanced |
| Intermediate frequency | 10.7 MHz |
| Sensitivity | |
| Mono: | 18.3 dBf, 2.2 µV/75 ohms |
| Stereo: | 38.3 dBf, 22.5 µV/75 ohms |
| Useable sensitivity | 11.2 dBf, 1 µV/75 ohms |
| S/N | |
| Mono: | 76 dB |
| Stereo: | 70 dB |
| Harmonic distortion at 1 kHz | |
| Mono: | 0.3% |
| Stereo: | 0.5% |
| Separation | 45 dB at 1 kHz |
| Frequency response | 30 Hz – 15 kHz, +0.5/–2 dB |
| Selectivity | 60 dB at 400 kHz |

### AM tuner section

| | |
|---|---|
| Tuning range | |
| Models of area code US, CND | |
| With 10-kHz tuning scale: | 530 – 1,710 kHz [6)] |
| With 9-kHz tuning scale: | 531 – 1,710 kHz [6)] |
| Models of area code E2 | |
| With 10-kHz tuning scale: | 530 – 1,610 kHz [6)] |
| With 9-kHz tuning scale: | 531 – 1,602 kHz [6)] |
| Models of area code AR | |
| With 10-kHz tuning scale: | 530 – 1,610 kHz |
| Models of area code MY, SP | |
| With 9-kHz tuning scale: | 531 – 1,602 kHz |
| Antenna | Loop antenna |
| Intermediate frequency | 450 kHz |
| Usable sensitivity | 50 dB/m (at 1,000 kHz or 999 kHz) |
| S/N | 54 dB (at 50 mV/m) |
| Harmonic distortion | 0.5 % (50 mV/m, 400 Hz) |
| Selectivity | |
| At 9 kHz: | 35 dB |
| At 10 kHz: | 40 dB |

6) You can change the AM tuning scale to 9 kHz or 10 kHz. After tuning in any AM station, turn off the receiver. While holding down PRESET TUNING + or TUNING +, press **I**/⏻. All preset stations will be erased when you change the tuning scale. To reset the scale to 10 kHz (or 9 kHz), repeat the procedure.

### Video section

Inputs/Outputs

| | |
|---|---|
| Video: | 1 Vp-p, 75 ohms |
| S-video: | Y: 1 Vp-p, 75 ohms |
| | C: 0.286 Vp-p, 75 ohms |
| COMPONENT VIDEO: | Y: 1 Vp-p, 75 ohms |
| | $P_B/C_B$/B-Y: 0.7 Vp-p, 75 ohms |
| | $P_R/C_R$/R-Y: 0.7 Vp-p, 75 ohms |

80 MHz HD Pass Through

### General

Power requirements

| Area code | Power requirements |
|---|---|
| US, CND | 120 V AC, 60 Hz |
| E2 | 120/220/240 V AC, 50/60 Hz |
| AR, MY, SP | 220 – 230 V AC, 50/60 Hz |

Power consumption

| Area code | Power consumption |
|---|---|
| US, E2 | 300 W |
| CND | 410 VA |
| AR | 260 W |
| MY, SP | 230 W |

Power consumption (during standby mode)
0.3 W (when “POWER SAVE” in the CUSTOMIZE menu is set to “ON”)

AC outlets

| Area code | AC outlets |
|---|---|
| US, CND | 2 switched, 120 W/1A MAX |
| E2, MY, SP | 1 switched, 100 W MAX |

Dimensions (w/h/d) (Approx.)
430 × 157.5 × 371 mm (16 7/8 × 6 2/8 × 14 5/8 inches) including projecting parts and controls

Mass (Approx.) 10.7 kg (23 lb 10 oz)

Supplied accessories
FM wire antenna (1)
AM loop antenna (1)
Remote commander RM-PG413 (1) (EXCEPT MY, SP)
Remote commander RM-PP413 (1) (MY, SP)
R6 (size-AA) batteries (2)

Design and specifications are subject to change without notice.

• Abbreviation
CND : Canadian model
E2 : AC 120 V area in E model
AR : Argentina model
MY : Malaysia model
SP : Singapore model

### SAFETY CHECK-OUT (US MODEL)

After correcting the original service problem, perform the following safety check before releasing the set to the customer:
Check the antenna terminals, metal trim, “metallized” knobs, screws, and all other exposed metal parts for AC leakage.
Check leakage as described below.

### LEAKAGE TEST

The AC leakage from any exposed metal part to earth ground and from all exposed metal parts to any exposed metal part having a return to chassis, must not exceed 0.5 mA (500 microampers.). Leakage current can be measured by any one of three methods.

1. A commercial leakage tester, such as the Simpson 229 or RCA WT-540A. Follow the manufacturers’ instructions to use these instruments.
2. A battery-operated AC milliammeter. The Data Precision 245 digital multimeter is suitable for this job.
3. Measuring the voltage drop across a resistor by means of a VOM or battery-operated AC voltmeter. The “limit” indication is 0.75 V, so analog meters must have an accurate low-voltage scale. The Simpson 250 and Sanwa SH-63Trd are examples of a passive VOM that is suitable. Nearly all battery operated digital multimeters that have a 2 V AC range are suitable. (See Fig. A)

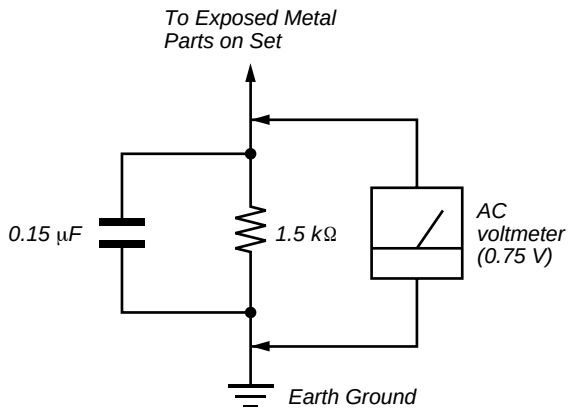



***Fig. A. Using an AC voltmeter to check AC leakage.***

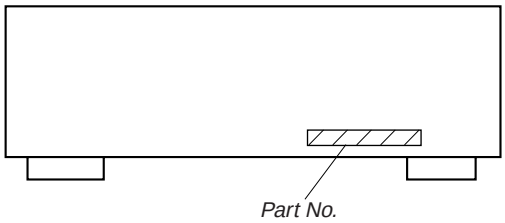
**SAFETY-RELATED COMPONENT WARNING!!**

**COMPONENTS IDENTIFIED BY MARK ⚠ OR DOTTED LINE WITH MARK ⚠ ON THE SCHEMATIC DIAGRAMS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY.**

**ATTENTION AU COMPOSANT AYANT RAPPORT À LA SÉCURITÉ!!**

**LES COMPOSANTS IDENTIFIÉS PAR UNE MARQUE ⚠ SUR LES DIAGRAMMES SCHÉMATIQUES ET LA LISTE DES PIÈCES SONT CRITIQUES POUR LA SÉCURITÉ DE FONCTIONNEMENT. NE REMPLACER CES COMPOSANTS QUE PAR DES PIÈCES SONY DONT LES NUMÉROS SONT DONNÉS DANS CE MANUEL OU DANS LES SUPPLÉMENTS PUBLIÉS PAR SONY.**

## MODEL IDENTIFICATION
### — BACK PANEL —




| MODEL | PART No. |
|---|---|
| US | 4-252-935-0☐ |
| E2 | 4-252-935-2☐ |
| AR | 4-252-935-3☐ |
| CND | 4-252-935-4☐ |
| SP, MY | 4-252-935-7☐ |

- Abbreviation
  CND: Canadian model
  E2 : AC 120 V area in E model
  AR : Argentina model
  MY : Malaysia model
  SP : Singapore model

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# SECTION 1
# GENERAL

This section is extracted from instruction manual.

## List of button locations and reference pages

**How to use this page**

Use this page to find the location of buttons and other parts of the system that are mentioned in the text.

Illustration number ↓

DISPLAY 7 (25, 56)

↑ Name of button/part ↑ Reference page

### Main unit

**ALPHABETICAL ORDER**

**A - I**

A.F.D. (button/indicator) 14 (29, 31, 56)
DIMMER 8 (25)
DISPLAY 7 (25, 56)
Display 10 (25)
DVD (indicator) 27 (22)
ENTER 9 (17, 18, 39, 57)
FM MODE 4 (23)
INPUT MODE 20 (35)
INPUT SELECTOR 21 (22, 23, 24, 25, 35, 38, 39, 56)
IR (receptor) 3 (44, 57)

**M - O**

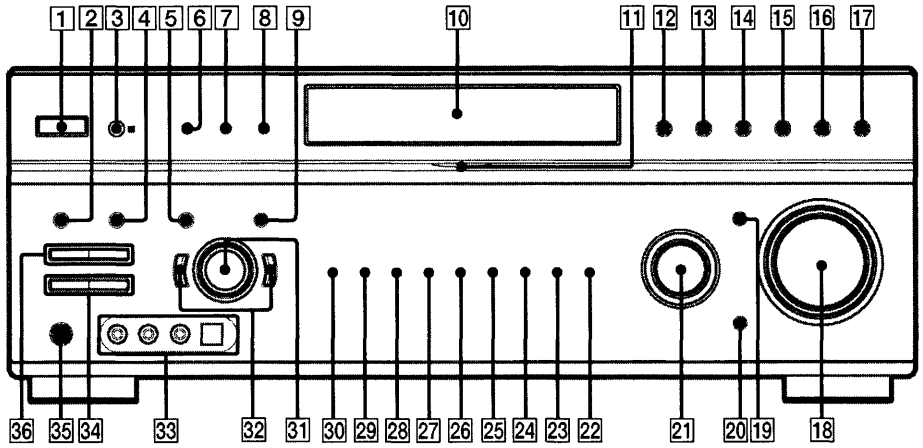
MAIN MENU 5 (18, 35, 37, 39)
MASTER VOLUME –/+ 18 (17, 21, 22, 55)
MD/TAPE (indicator) 25 (22)
MEMORY 2 (24)
MOVIE (button/indicator) 15 (30, 31, 56)
MULTI CHANNEL DECODING (indicator) 11 (23)
MULTI CH IN/DIRECT 12 (23, 28)
MUSIC (button/indicator) 16 (31, 56)

**P - Z**

PHONES (jack) 35 (22, 55)
PHONO (indicator) 22 (22)
PRESET TUNING +/– 36 (24, 59)
SA-CD/CD (indicator) 24 (22)
SPEAKERS (OFF/A/B/A+B) 6 (16, 40, 55)
SURR BACK DECODING 17 (32)
TUNER FM/AM (indicator) 23 (22)
TUNING +/– 34 (23, 59)
TV/SAT (indicator) 26 (22)
VIDEO 1 (indicator) 30 (22)
VIDEO 2 (indicator) 29 (22)
VIDEO 3 (indicator) 28 (22)
VIDEO 3 INPUT (jacks) 33 (13)

**NUMBERS AND SYMBOLS**

2CH (button/indicator) 13 (28, 31, 36)
2ND ZONE 19 (41)
–/+ 31 (18, 35, 37, 39)
I/⏻ (power) 1 (17, 18, 21, 36, 57, 59)
</> 32 (18, 35, 37, 39)



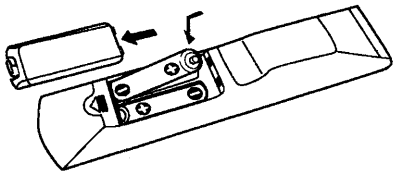
## Operations Using the Remote RM-PG413

You can use the remote RM-PG413 to operate the components in your system.

## Before you use your remote

### Inserting batteries into the remote

Insert R6 (size-AA) batteries with the + and – properly oriented in the battery compartment. When using the remote, point it at the remote sensor ■ on the receiver.



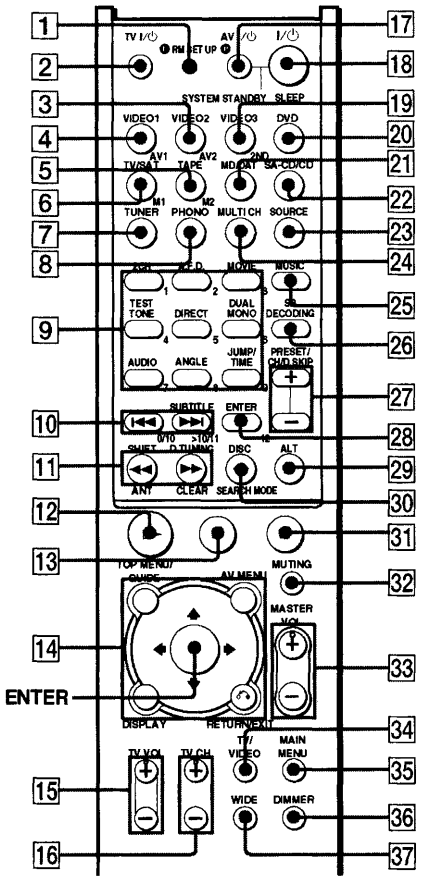
**Tip**

Under normal conditions, the batteries should last for about 6 months. When the remote no longer operates the receiver, replace all batteries with new ones.

**Notes**

- Do not leave the remote in an extremely hot or humid place.
- Do not use a new battery with an old one.
- Do not expose the remote sensor to direct sunlight or lighting apparatuses. Doing so may cause a malfunction.
- If you do not use the remote for an extended period of time, remove the batteries to avoid possible damage from battery leakage and corrosion.

## Remote button description

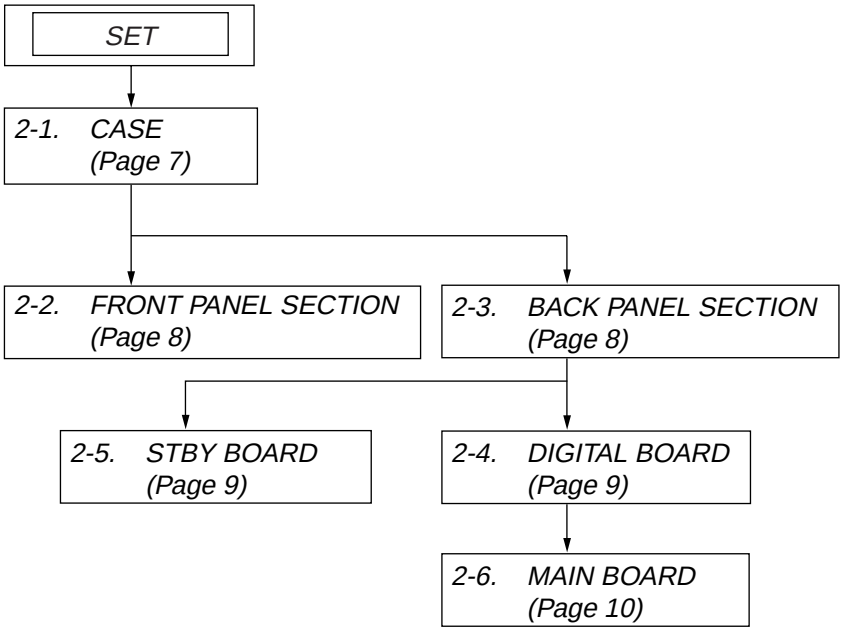



The tables below show the settings of each button.

| Remote Button | Operations | Function |
|---|---|---|
| A.F.D. 9 | Receiver | Selects the decoding mode for audio sound. |

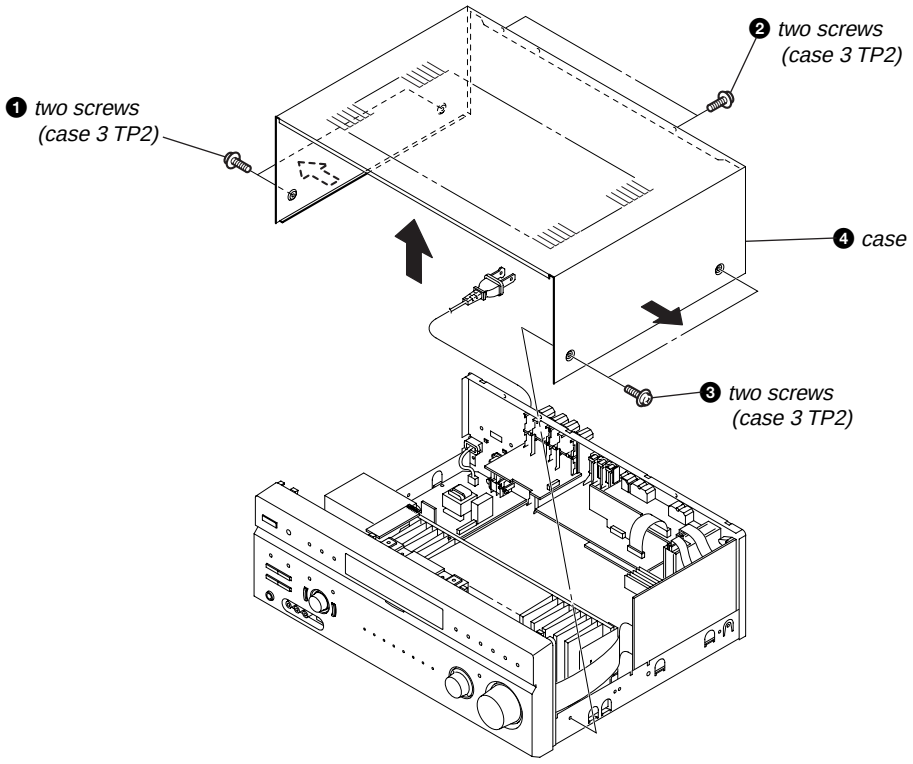
# SECTION 2
# DISASSEMBLY

**Note :** This set can be disassemble according to the following sequence.

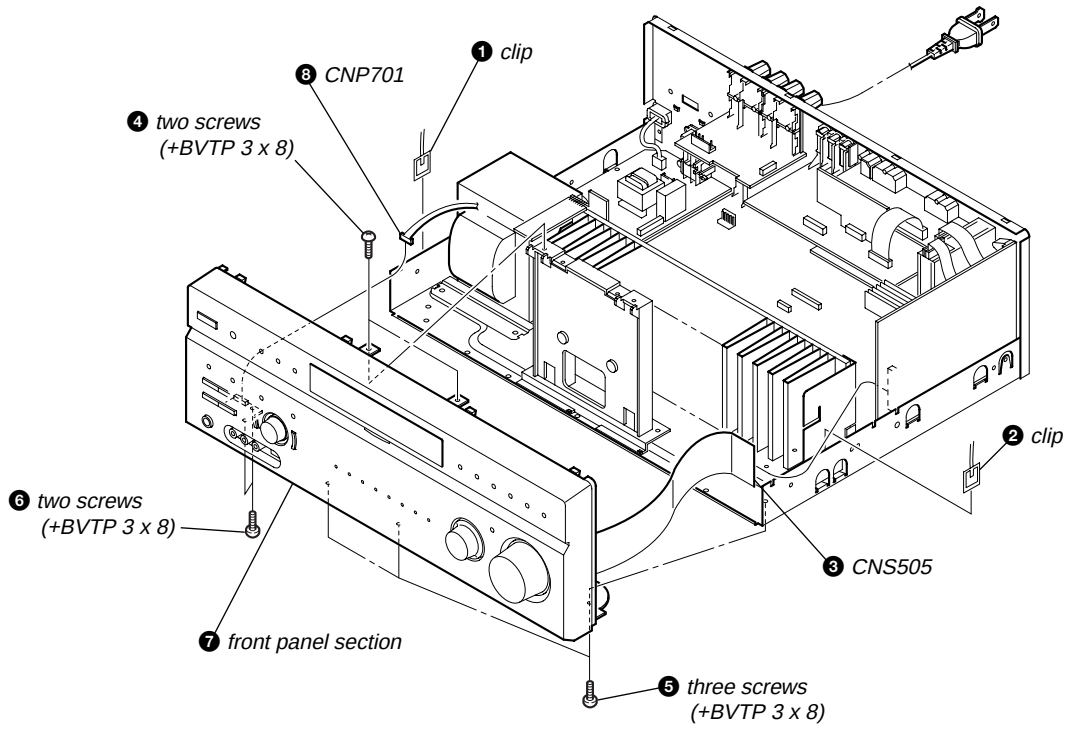



**Note :** Follow the disassembly procedure in the numerical order given.

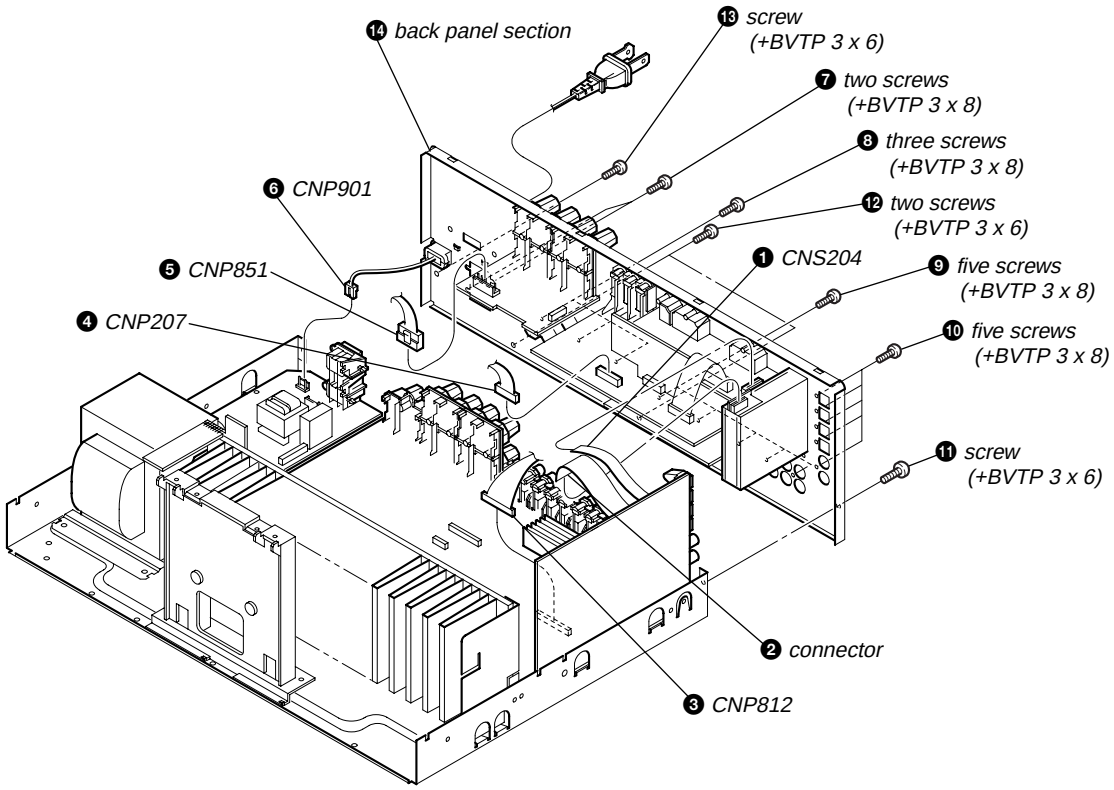
## 2-1. CASE



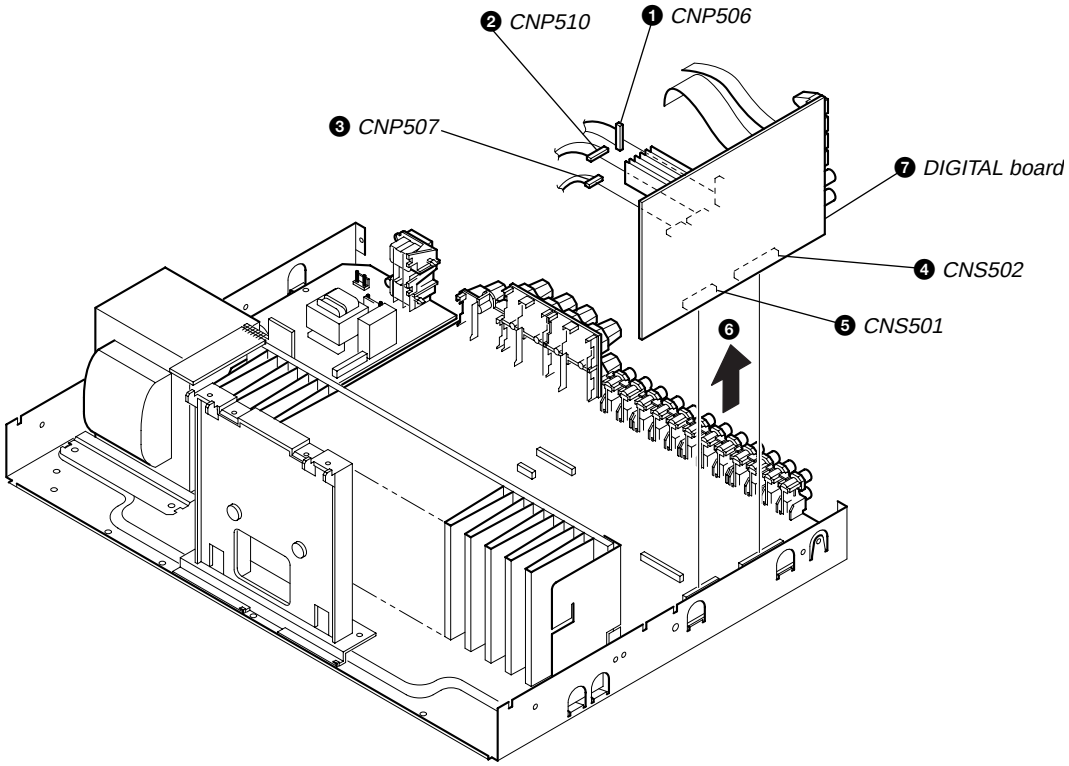
## 2-2. FRONT PANEL SECTION



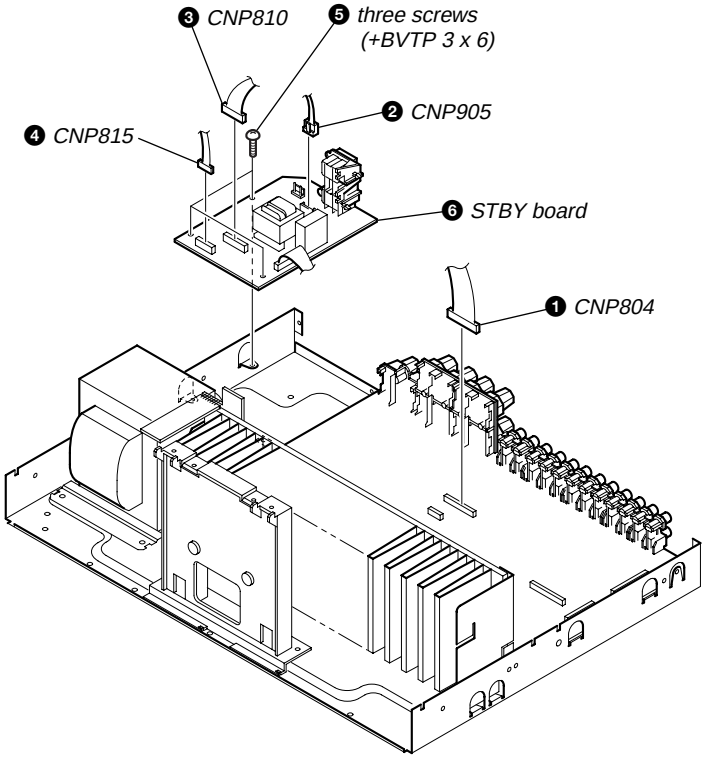

## 2-3. BACK PANEL SECTION



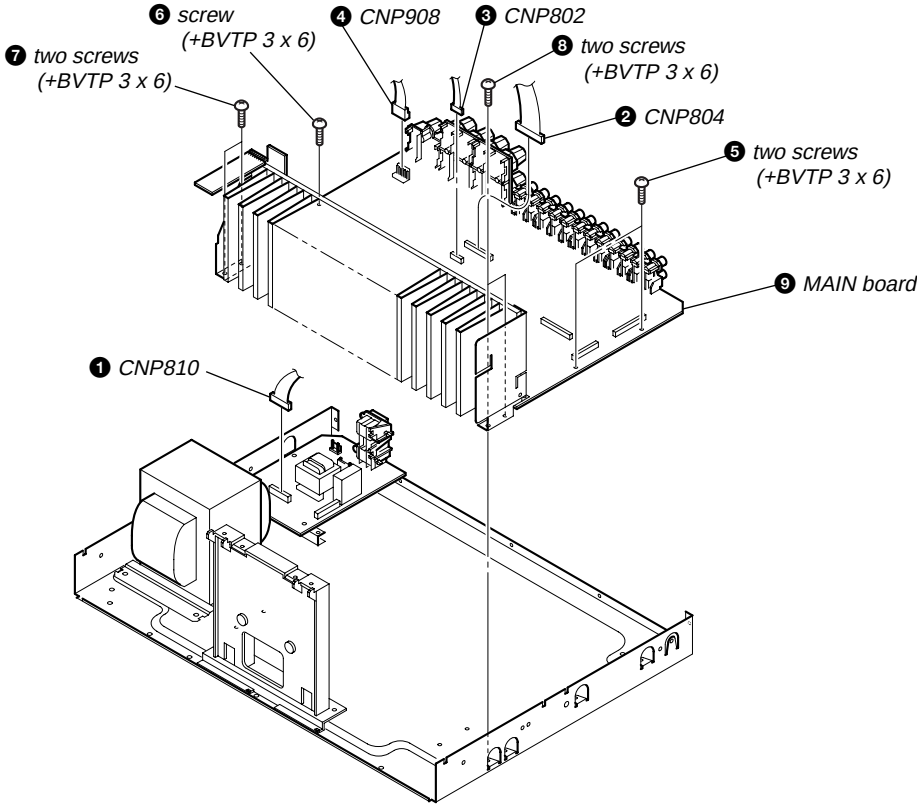
## 2-4. DIGITAL BOARD




## 2-5. STBY BOARD



## 2-6. MAIN BOARD



# SECTION 3
# TEST MODE

## FACTORY PRESET MODE

* All preset contents are reset to the default setting.
* Procedure:
  While depressing the [FM MODE] and the [DISPLAY] buttons simultaneously, press the [I/⏻] button to turn on the main power.
  The message "FACTORY" appears for a moment and the present contents are reset to the default values.

## AM CHANNEL STEP 9 kHz/10 kHz SELECTION MODE (US, Canadian, E2 model only)

* Either the 9 kHz step or 10 kHz step can be selected for the AM channel step.
* Procedure:
  Turn the [INPUT SELECTOR] control to set AM and press the [I/⏻] button to turn off the main power.
  While depressing the [PRESET TUNING +] button or the [TUNING +] button, press the [I/⏻] button to turn on the main power.
  Either the message "9k STEP" or "10k STEP" appears for a moment and select the desired step.

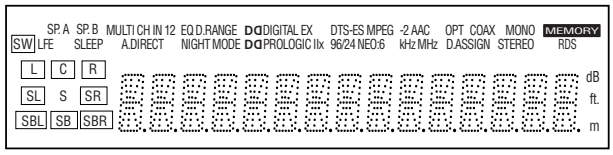
## SPEAKER SIZE SELECTION MODE

* Either the normal speaker or micro satellite speaker can be selected.
* Procedure:
  While depressing the [DIMMER] button, press the [I/⏻] button to turn on the main power.
  Either the message "NORM. SP." or "MICRO SP." appears for a moment and select the desired speaker size.

## FLUORESCENT INDICATOR TUBE TEST MODE

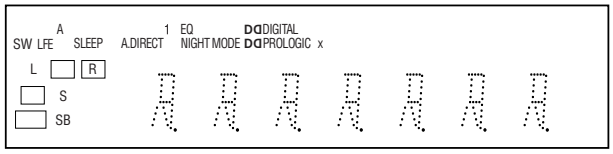
* All fluorescent segments are tested.
  When this test is activated, all segments light on at the same time, then each segment lights on one after another.
* Procedure:
  While depressing the [TUNING –] and the [SPEAKERS (OFF/A/B/A+B)] buttons simultaneously, press the [I/⏻] button to turn on the main power.

1. ALL segments light on.


SP. A SP. B MULTI CH IN 12 EQ D.RANGE DOLBY DIGITAL EX DTS-ES MPEG -2 AAC OPT COAX MONO MEMORY
SW LFE SLEEP A.DIRECT NIGHT MODE DOLBY PROLOGIC IIx 96/24 NEO:6 kHz MHz D.ASSIGN STEREO RDS
L C R
SL S SR
SBL SB SBR
dB
ft.
m

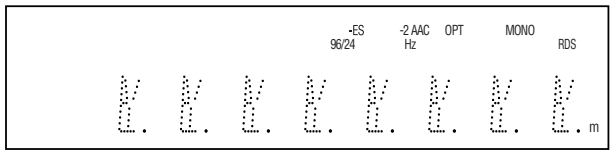
[2CH], [A.F.D.], [MOVIE], [MUSIC], [MULTI CHANNEL DECODING], [VIDEO 1], [VIDEO 2], [VIDEO 3], [DVD], [TV/SAT], [MD/TAPE], [SA-CD/CD], [TUNER FM/AM] and [PHONO] LED light on.

2. Turn the [INPUT SELECTOR] control by 1 step clockwise, confirm display.




[A.F.D.], [MUSIC], [MULTI CHANNEL DECODING], [VIDEO 2], [VIDEO 3], [TV/SAT], [SA-CD/CD] and [PHONO] LED light on.

3. Turn the [INPUT SELECTOR] control by 1 step clockwise, confirm display.




[2CH], [MOVIE], [VIDEO 1], [DVD], [MD/TAPE] and [TUNER FM/AM] LED light on.

4. Turn the [INPUT SELECTOR] control by 1 step clockwise, all segments and all LEDs light off.

5. Every turning the [INPUT SELECTOR] control turns on each segment and LED one after another in the same order.

## SOUND FIELD CLEAR MODE

* The preset sound field is cleared when this mode is activated.
  Use this mode before returning the product to clients upon completion of repair.
* Procedure:
  While depressing the [2CH] button, press the [I/⏻] button to turn on the main power.
  The message "SF. INITIALIZE" appears for a moment and initialization is performed.

## SOFTWARE VERSION DISPLAY MODE

* The software version is displayed.
* Procedure:
  While depressing the [TUNING –] and the [DISPLAY] buttons simultaneously, press the [I/⏻] button to turn on the main power.
  The model name, destination and the software version are displayed for a moment.

## KEY CHECK MODE

* Button check
* Procedure:
  While depressing the [TUNING –] and the [MAIN MENU] buttons simultaneously, press the [I/⏻] button to turn on the main power.
  Either the message "REST 21" appears.
  Every pressing of any button other than the [I/⏻] counts down the buttons. The buttons which are already counted once are not counted again. When all buttons are pressed "REST 00" appears.

## COMMAND MODE SELECTION MODE

* The command mode (AV1 or AV2) of the remote commander can be selected.
* Procedure:
  While depressing the [ENTER] button, press the [I/⏻] button to turn on the main power.
  Either the message "C.MODE.AV1" or "C.MODE.AV2" appears for a moment and select the desired mode.

# SECTION 4
# DIAGRAMS

## 4-1. IC PIN DESCRIPTIONS

**• IC1501 CXD9718Q (DSP) (DIGITAL Board (2/3))**

| Pin No. | Pin Name | I/O | Pin Description |
|---|---|---|---|
| 1 | VSS | — | Ground |
| 2 | XRST | I | Reset signal input from SYSTEM CONTROL IC |
| 3 | EXTIN | I | Not used (Connect to ground) |
| 4 | LRCKI3 | I | Not used (Connect to ground) |
| 5 | VDDI | I | Power supply pin (+2.6 V) |
| 6 | BCKI3 | I | Not used (Connect to ground) |
| 7 | PLOCK | O | Not used (Open) |
| 8 | VSS | — | Ground |
| 9 | MCLK1 | I | Clock signal input (13.5 MHz) |
| 10 | VDDI | I | Power supply pin (+2.6 V) |
| 11 | VSS | — | Ground |
| 12 | MCLK2 | O | Clock signal output (13.5 MHz) |
| 13 | MS | I | Not used (Fixed at L) |
| 14 | SCKOUT | O | Internal system clock signal output for 2CH/6CH DAC IC |
| 15 | LRCKI1 | I | Sampling clock signal input from ADC IC |
| 16 | VDDE | I | Power supply pin (+3.3 V) |
| 17 | BCKI1 | I | Bit clock signal input from ADC IC |
| 18 | SDI1 | I | Audio IF data input from ADC IC |
| 19 | LRCKO | O | Sampling clock signal output for 2CH/6CH DAC IC |
| 20 | BCKO | O | Bit clock signal output for 2CH/6CH DAC IC |
| 21 | VSS | — | Ground |
| 22 | KFSIO | I/O | Audio clock signal (384fs/256fs) input/output for DIR IC |
| 23 to 25 | SDO1 to SDO3 | O | Digital audio serial data output for 6CH DAC IC |
| 26 | SDO4 | O | Digital audio serial data output for 2CH DAC IC |
| 27 | SPDIF | O | Not used (Open) |
| 28 | LRCKI2 | I | Sampling clock signal input from ADC IC |
| 29 | BCKI2 | I | Bit clock signal input from ADC IC |
| 30 | SDI2 | I | Digital audio serial data input from DIR IC |
| 31 | VSS | — | Ground |
| 32 | HACN | O | Acknowledge signal output for SYSTEM CONTROL IC |
| 33 | HDIN | I | Serial data input from SYSTEM CONTROL IC |
| 34 | HCLK | I | Clock signal input from SYSTEM CONTROL IC |
| 35 | HDOUT | O | Serial data output for SYSTEM CONTROL IC |
| 36 | HCS | I | Chip select signal input from SYSTEM CONTROL IC |
| 37 | GP12 | I | GP12 signal input from SYSTEM CONTROL IC |
| 38, 39 | GP13, GP14 | O | Not used (Open) |
| 40 | VDDI | I | Power supply pin (+2.6 V) |
| 41 | VSS | — | Ground |
| 42 | GP15 | O | Not used (Open) |
| 43 | OE0 | O | Not used (Open) |
| 44 | CS0 | O | External memory chip select signal output for D/A converter IC (SRAM) |
| 45 | WE0 | O | SRAM write enable signal output for D/A converter IC |
| 46 | VDDE | I | Power supply pin (+3.3 V) |
| 47 | WMD1 | I | Not used (Fixed at H) |
| 48 | VSS | — | Ground |
| 49 | WMD0 | I | Not used (Fixed at H) |
| 50 | PAGE2 | O | Not used (Open) |
| 51 | VSS | — | Ground |
| 52, 53 | PAGE1, PAGE0 | O | Not used (Open) |
| 54 | BOOT | I | Not used (Connect to ground) |
| 55 | TST1 | O | Not used (Open) |

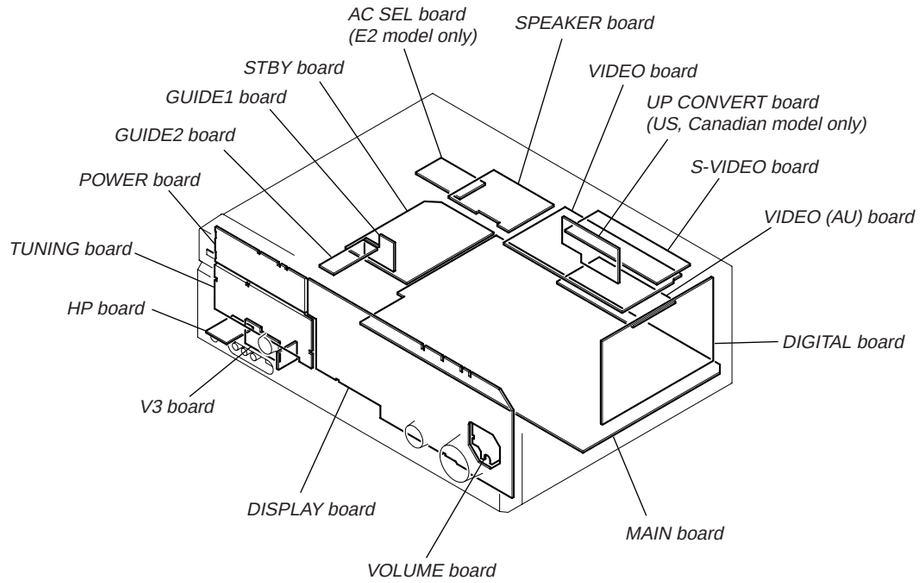
| Pin No. | Pin Name | I/O | Pin Description |
|---|---|---|---|
| 56 | BST | I | Boot stop signal input from SYSTEM CONTROL IC |
| 57 | MOD1 | I | Operation mode signal input (L: 386fs, H: 256fs) (Fixed at H) |
| 58 | MOD0 | I | Operation mode signal input (L: single chip mode, H: use prohibited) (Fixed at L) |
| 59 | EXLOCK | I | Error detection signal input from DIR IC |
| 60 | VDDI | I | Power supply pin (+2.6 V) |
| 61 | VSS | — | Ground |
| 62, 63 | A17, A16 | O | Not used (Open) |
| 64 to 66 | A15 to A13 | O | External memory address signal output for D/A converter IC (SRAM) |
| 67 | GP10 | O | Not used (Open) |
| 68 | GP9 | O | GP9 signal output for SYSTEM CONTROL IC |
| 69 | GP8 | I | Audio signal input from DIR IC |
| 70 | VDDI | I | Power supply pin (+2.6 V) |
| 71 | VSS | — | Ground |
| 72 to 75 | D15/GP7 to D12/GP4 | I/O | External memory data input/output for D/A converter IC (general port) |
| 76 | VDDE | I | Power supply pin (+3.3 V) |
| 77 to 80 | D11/GP3 to D8/GP0 | I/O | External memory data input/output for D/A converter IC (general port) |
| 81 | VSS | — | Ground |
| 82 | A9 | O | External memory address signal output for D/A converter IC (SRAM) |
| 83 to 85 | A12 to A10 | O | External memory address signal output for D/A converter IC (SRAM) |
| 86 | TDO | O | Not used (Fixed at H) |
| 87 | TMS | I | Not used (Fixed at H) |
| 88 | XTRST | I | Not used (Fixed at H) |
| 89 | TCK | I | Not used (Fixed at H) |
| 90 | TDI | I | Not used (Fixed at H) |
| 91 | VSS | — | Ground |
| 92 to 97 | A8 to A3 | O | External memory address signal output for D/A converter IC (SRAM) |
| 98, 99 | D7, D6 | I/O | External memory data input/output for D/A converter IC (SRAM) |
| 100 | VDDI | I | Power supply pin (+2.6 V) |
| 101 | VSS | — | Ground |
| 102 to 105 | D5 to D2 | I/O | External memory data input/output for D/A converter IC (SRAM) |
| 106 | VDDE | I | Power supply pin (+3.3 V) |
| 107, 108 | D1, D0 | I/O | External memory data input/output for D/A converter IC (SRAM) |
| 109, 110 | A2, A1 | O | External memory address signal output for D/A converter IC (SRAM) |
| 111 | VSS | — | Ground |
| 112 | A0 | O | External memory address signal output for D/A converter IC (SRAM) |
| 113 | PM | I | PLL initialization signal input from SYSTEM CONTROL IC |
| 114, 115 | SDI3, SDI4 | I | Not used (Open) |
| 116 | SYNC | I | Sync/async select signal input (L: sync, H: async) (Fixed at H) |
| 117 | TST2 | I | Not used (Connect to ground) |
| 118 | GP11 | I | Not used (Connect to ground) |
| 119 | TST3 | I | Not used (Connect to ground) |
| 120 | VDDI | I | Power supply pin (+2.6 V) |

**• IC1101 MB90478PF-G-172-BND (SYSTEM CONTROL) (DIGITAL Board (3/3))**

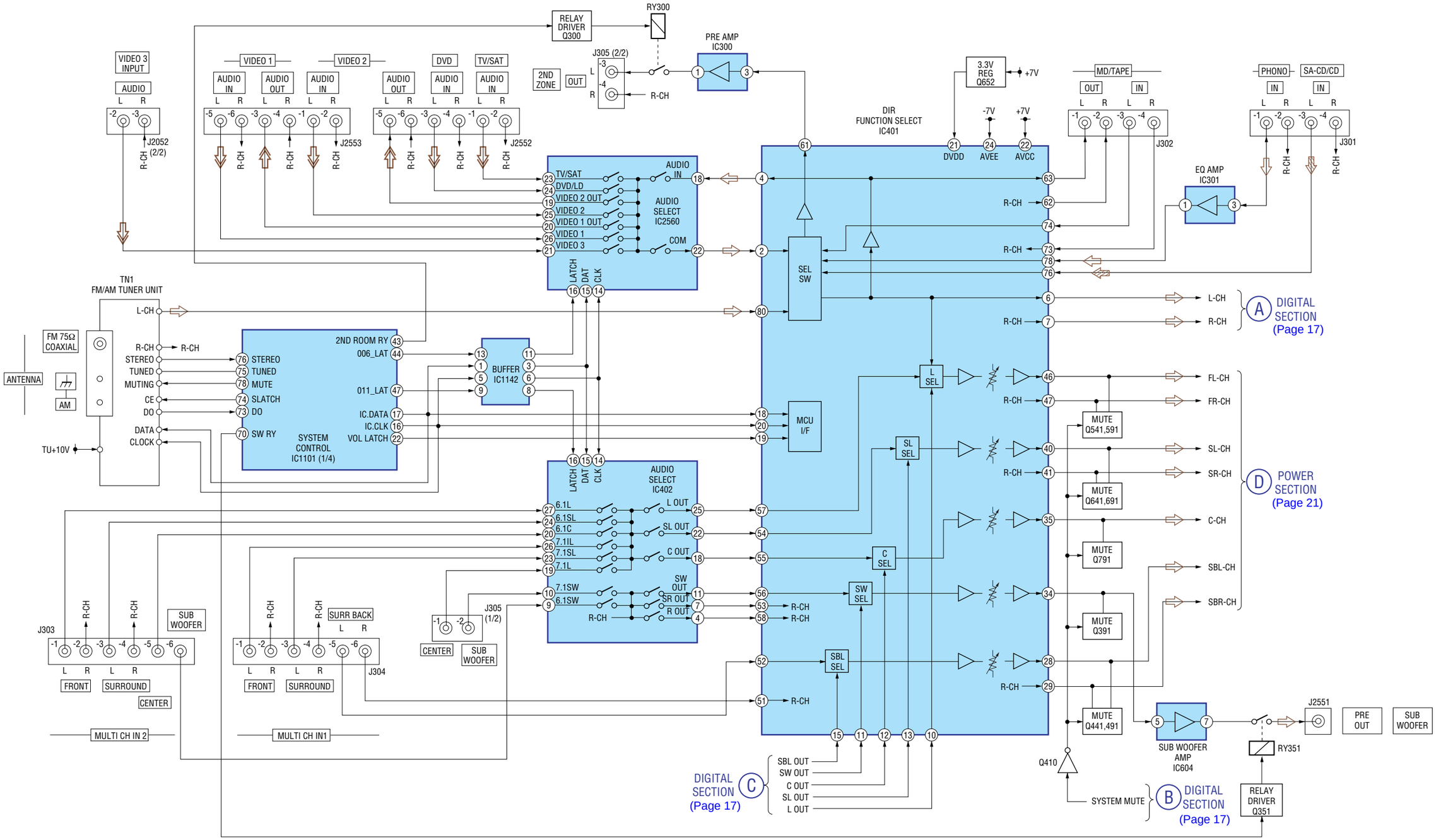
| Pin No. | Pin Name | I/O | Pin Description |
|---|---|---|---|
| 1 | DATAO | I | Serial data line signal input from DIR IC |
| 2 | GP9 | I | GP9 signal input from DSP IC |
| 3 | BST | O | Boot stop control signal output for DSP IC |
| 4 | HCS | O | Chip select signal output for DSP IC |
| 5 | HACN | I | Acknowledge signal input from DSP IC |
| 6 | XRST | O | Reset signal output for DSP IC |
| 7 | PM | O | PLL control signal output for DSP IC |
| 8 | GP12 | O | GP12 signal output for DSP IC |
| 9 | AK5380_PDN | O | Power down signal output for ADC IC |
| 10 | AK4355_CSN | O | Chip select signal output for 6CH DAC IC |
| 11 | VSS | — | Ground |
| 12 | AK4355_PDN | O | Power down signal output for 6CH DAC IC |
| 13 | AK4381_PDN | O | Power down signal output for 2CH DAC IC |
| 14 | AK4381_CSN | O | Chip select signal output for 2CH DAC IC |
| 15 | AK4355_CLK | O | Clock signal output for 2CH/6CH DAC IC |
| 16 | IC_CLK (VOL_TUNER_TC9273) | O | Clock signal output for FUNCTION SELECT IC and tuner pack |
| 17 | IC_DATA (VOL_TUNER_TC9273) | O | Serial data signal output for FUNCTION SELECT IC and tuner pack |
| 18 | HDOUT | I | Serial data input from DSP IC |
| 19 | HDIN | O | Serial data output for DSP IC |
| 20 | HCLK | O | Serial data clock signal output for DSP IC |
| 21 | AK4355_CDT1 | O | CDT1 signal output for 2CH/6CH DAC IC |
| 22 | VOL_LATCH | O | Latch signal output for FUNCTION SELECT IC |
| 23 | VCC5 | — | Power supply pin (+3.3 V) |
| 24 | SYS_MUTE | O | System mute control signal output |
| 25 | ANA/DIG | O | Muting and error port signal output |
| 26 | FL_CLEAR | O | Reset signal output for FL DISPLAY DRIVER IC |
| 27 | FLASH2 | — | Flash programming signal output 2 |
| 28 | FLASH1 | — | Flash programming signal output 1 |
| 29 | ENC_A | I | Input selector encoder (+) signal input |
| 30 | ENC_B | I | Input selector encoder (–) signal input |
| 31 | F_A | I | –/+ (cursor) encoder (–) signal input |
| 32 | F_B | I | –/+ (cursor) encoder (+) signal input |
| 33 | SCL | O | Clock signal output for EEPROM IC |
| 34 | SDA | I/O | Serial data input/output for EEPROM IC |
| 35 | AVCC | — | Power supply pin (+3.3 V) |
| 36 | AVRH | — | Power supply pin (+3.3 V) |
| 37 | AVSS | — | Ground |
| 38 to 40 | A/D0 to A/D2 | I | Key signal input (A/D port) |
| 41 | VERSION | I | Destination detection signal input<br>(Fixed at L: US, Canadian model, H: Except for US, Canadian model) |
| 42 | VSS | — | Ground |
| 43 | 2ND_ROOM | O | 2ND ZONE relay driver control signal output |
| 44 | 006_LAT | O | Latch signal output for AUDIO SELECTOR IC |
| 45 | VOL_ENC (A) | I | Volume encoder (+) signal input |
| 46 | VOL_ENC (B) | I | Volume encoder (–) signal input |
| 47 | 011_LAT | O | Latch signal output for VIDEO SELECTOR IC |
| 48 | STOP | I | AC off detection signal input |
| 49 | MOD0 | — | Selection of micon operation mode |
| 50 | MOD1 | — | Not used (Connect to AVCC) |
| 51 | MOD2 | — | Selection of micon operation mode |

| Pin No. | Pin Name | I/O | Pin Description |
|---|---|---|---|
| 52 | RDS_CLK | I | Not used (Fixed at L) |
| 53 | RDS_DATA | I | Not used (Fixed at L) |
| 54 | SIRCS | I | SIRCS signal input |
| 55 | HP_DETECT | I | Headphones detection signal input |
| 56 | POWER_KEY | I | Power key detection signal input |
| 57 | FL_LAT | O | Latch signal output for FL DISPLAY DRIVER IC |
| 58 | POWER_RY | O | Power relay driver control signal output |
| 59 | FL_DATA | O | Serial data output for FL DISPLAY DRIVER IC |
| 60 | FL_CLK | O | Clock signal output for FL DISPLAY DRIVER IC |
| 61 | PROTECTOR | I | Protector detection signal input |
| 62 | HP_RY | O | Headphones relay driver control signal output |
| 63 | FUSE_DETECT | I | Fuse open detection signal input |
| 64 | A1_OUT | O | CTRL A1 II signal output |
| 65 | A1_IN | I | CTRL A1 II signal input |
| 66 | FRONT_RY | O | Front speaker A relay driver control signal output |
| 67 | SP_B_RY | O | Front speaker B relay driver control signal output |
| 68 | C/SB_RY | O | Center/Surround back speakers relay driver control signal output |
| 69 | REAR_RY | O | Surround speaker relay driver control signal output |
| 70 | SW_RY | O | Sub woofer relay driver control signal output |
| 71 | NC | — | Not used (Fixed at L) |
| 72 | BRIDGEABLE_RY | O | Bridgeable relay driver control signal output |
| 73 | D0 | I | Tuner serial data input |
| 74 | SLATCH | O | Tuner latch signal output |
| 75 | TUNED | I | Tuned signal detection input |
| 76 | STEREO | I | Stereo signal detection input |
| 77 | RSTX | I | Reset signal input |
| 78 | MUTE | O | Tuner mute signal output |
| 79 | X1A | — | Not used (Open) |
| 80 | X0A | — | Not used (Connect to VSS) |
| 81 | VSS | — | Ground |
| 82 | X0 | — | Clock signal input (16 MHz) |
| 83 | X1 | — | Clock signal output (16 MHz) |
| 84 | VCC3 | — | Power supply pin (+3.3 V) |
| 85 | GROUPING_SW | O | Surround back switch signal output |
| 86 to 89 | SW1 to SW4 | O | Video select signal output |
| 90 | SELECT2 | O | Digital input select 2 signal output |
| 91 | SELECT1 | O | Digital input select 1 signal output |
| 92 | BST_SEL | O | 96/24 signal output for DSP IC |
| 93 | XMODE | O | Xmode signal output for DIR IC |
| 94 | CKSEL1 | O | Clock select signal output for DIR IC |
| 95 | CLK | O | Data clock signal output for DIR IC |
| 96 | CE | O | Latch signal output for DIR IC |
| 97 | DI | O | Data output for DIR IC |
| 98 | DO | I | Data input from DIR IC |
| 99 | ERROR | I | Error detection signal input from DIR IC |
| 100 | XSTATE | I | Xstate signal input from DIR IC |

## 4-2. CIRCUIT BOARDS LOCATION

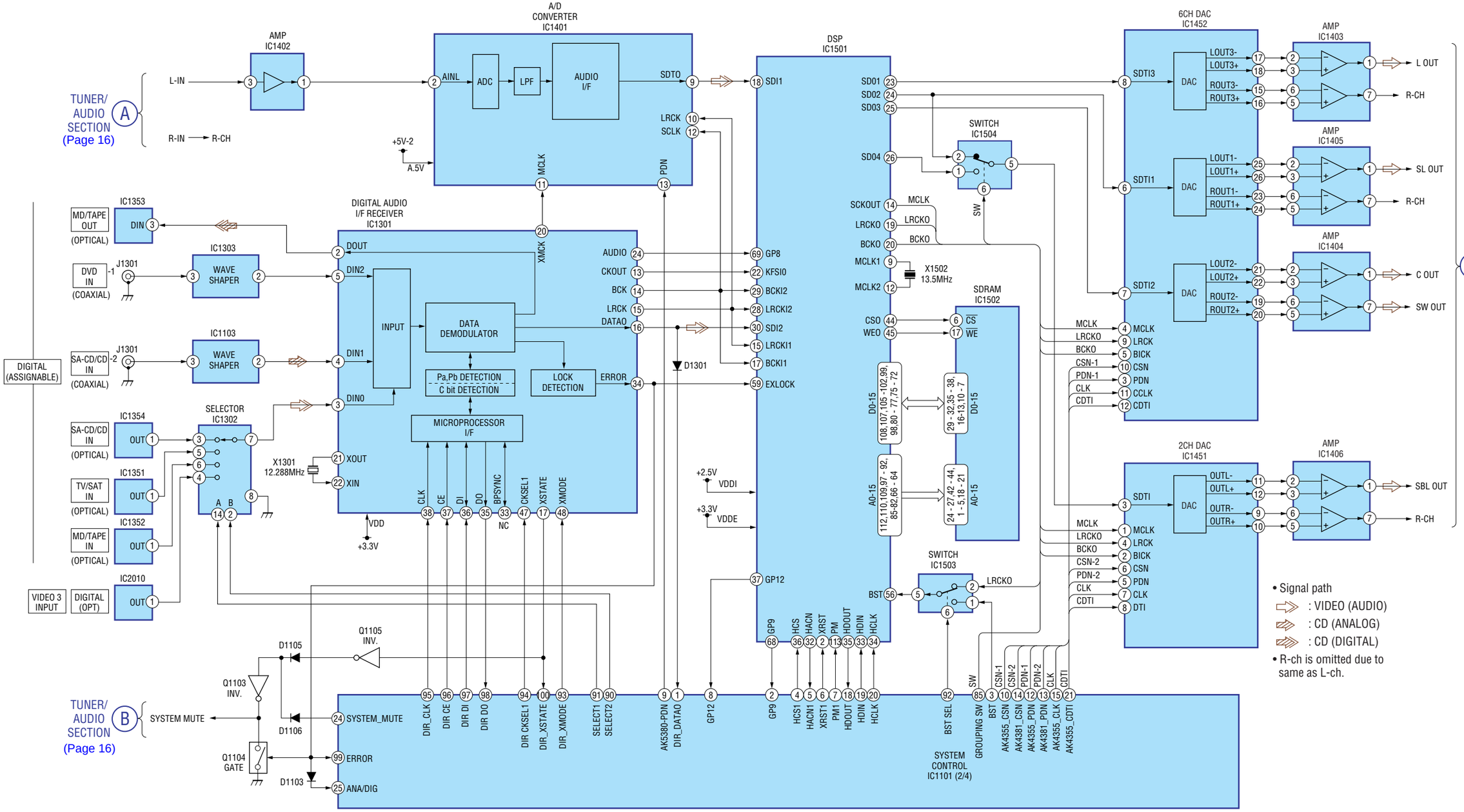


## 4-3. BLOCK DIAGRAM — TUNER/AUDIO SECTION —

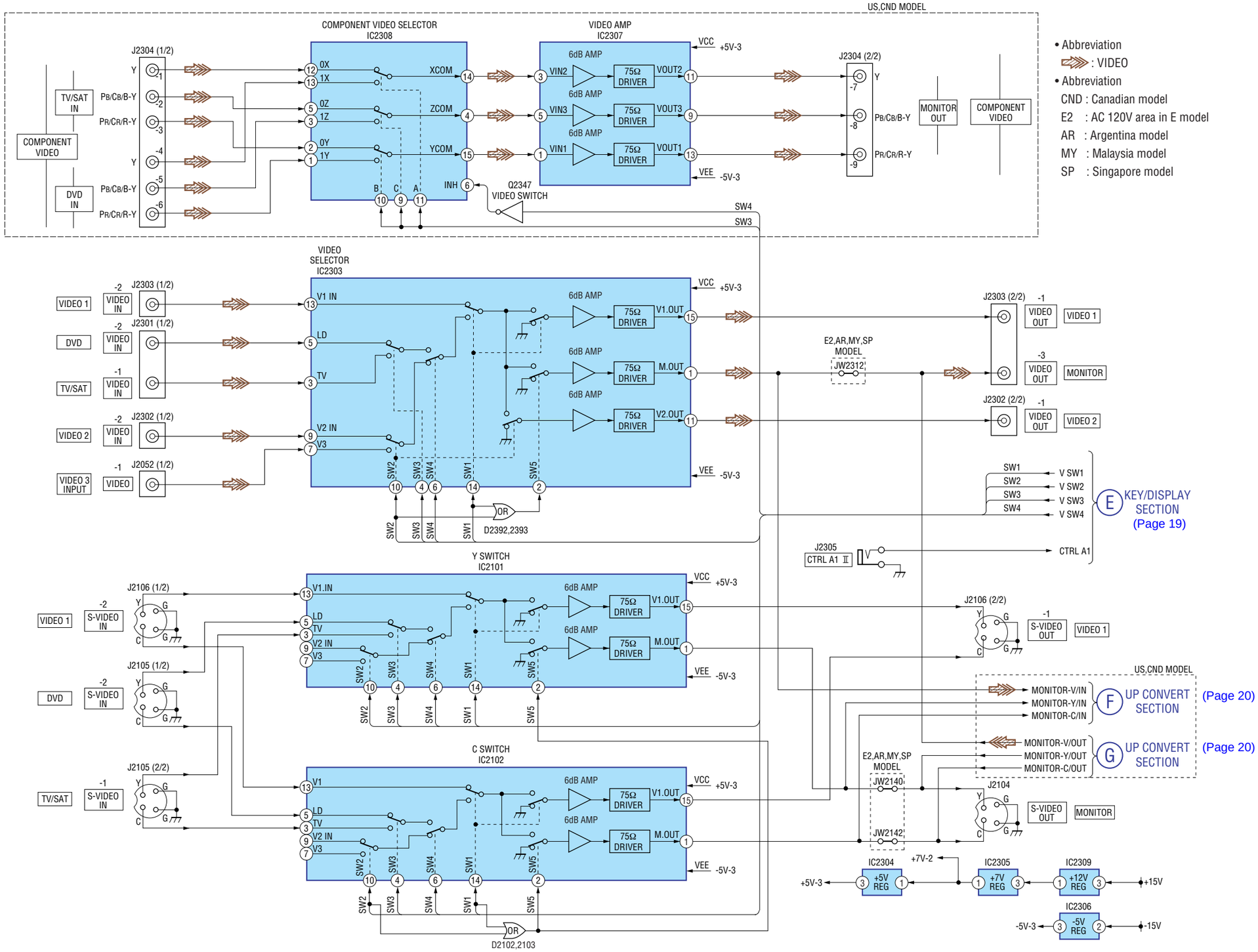



- Signal path
  - ⇨ : TUNER (FM/AM)
  - ⇨ : VIDEO (AUDIO)
  - ⇨ : CD (ANALOG)
- R-ch is omitted due to same as L-ch.

## 4-4. BLOCK DIAGRAM — DIGITAL SECTION —

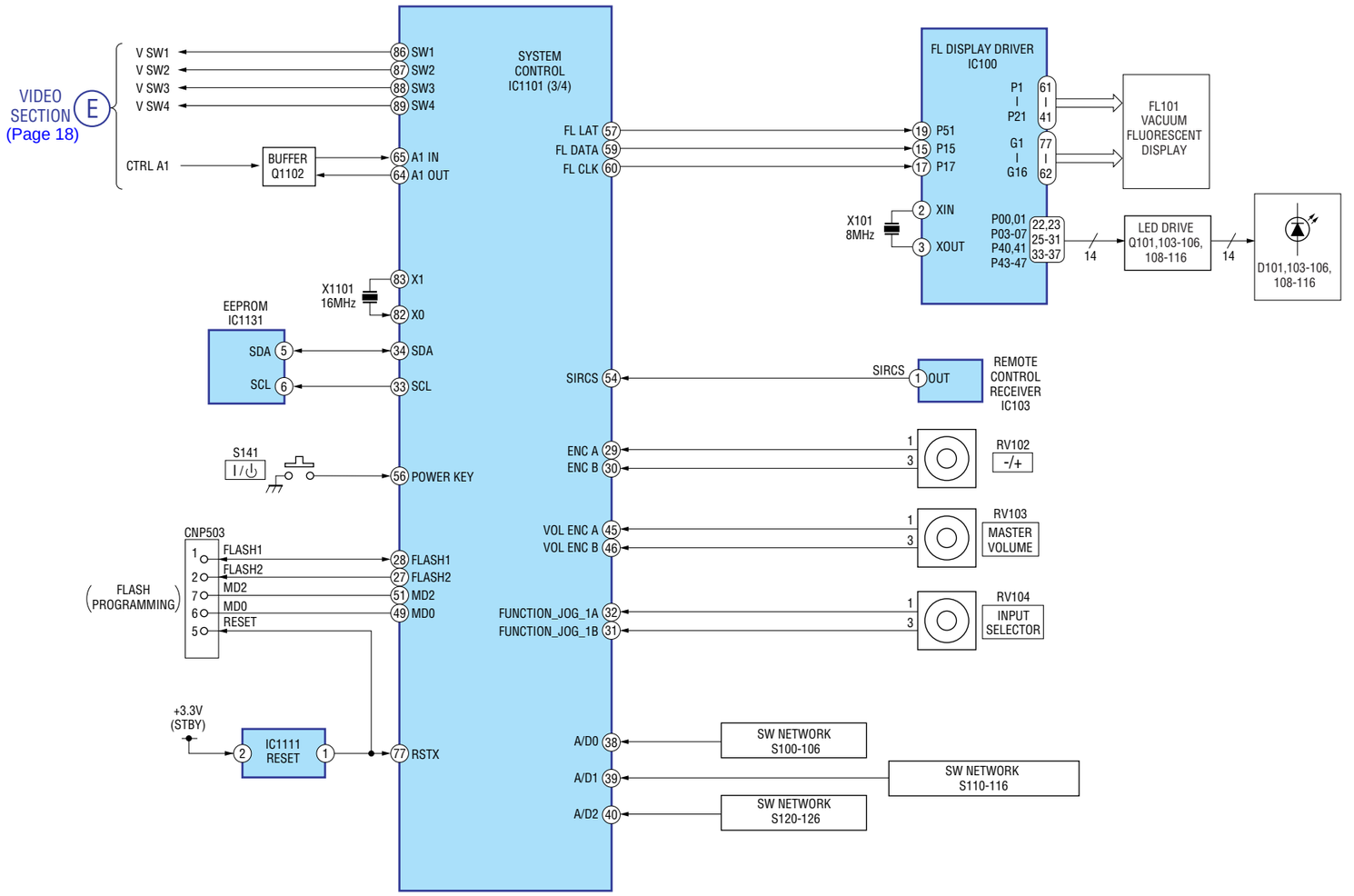


## 4-5. BLOCK DIAGRAM — VIDEO SECTION —

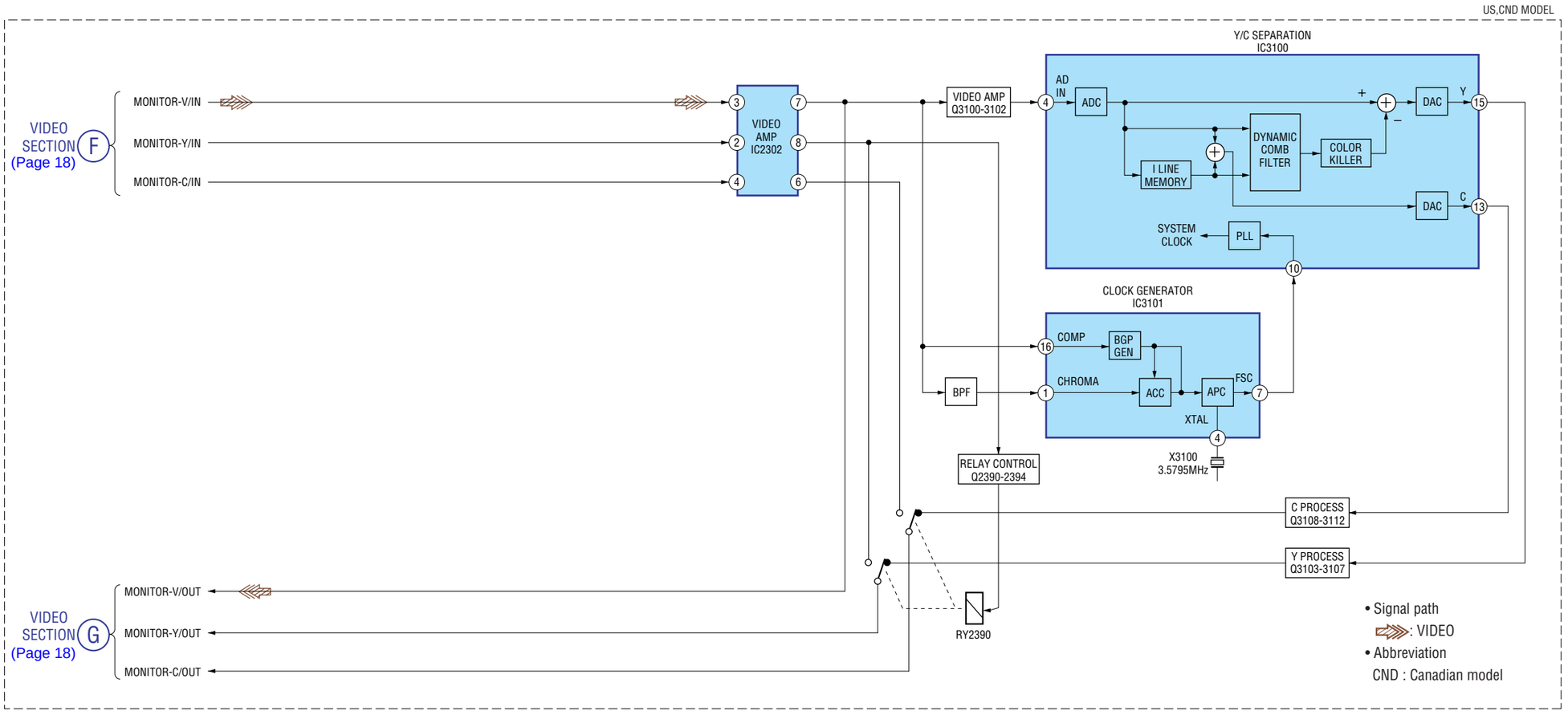



- Abbreviation
  ⇛ : VIDEO
- Abbreviation
  CND : Canadian model
  E2 : AC 120V area in E model
  AR : Argentina model
  MY : Malaysia model
  SP : Singapore model

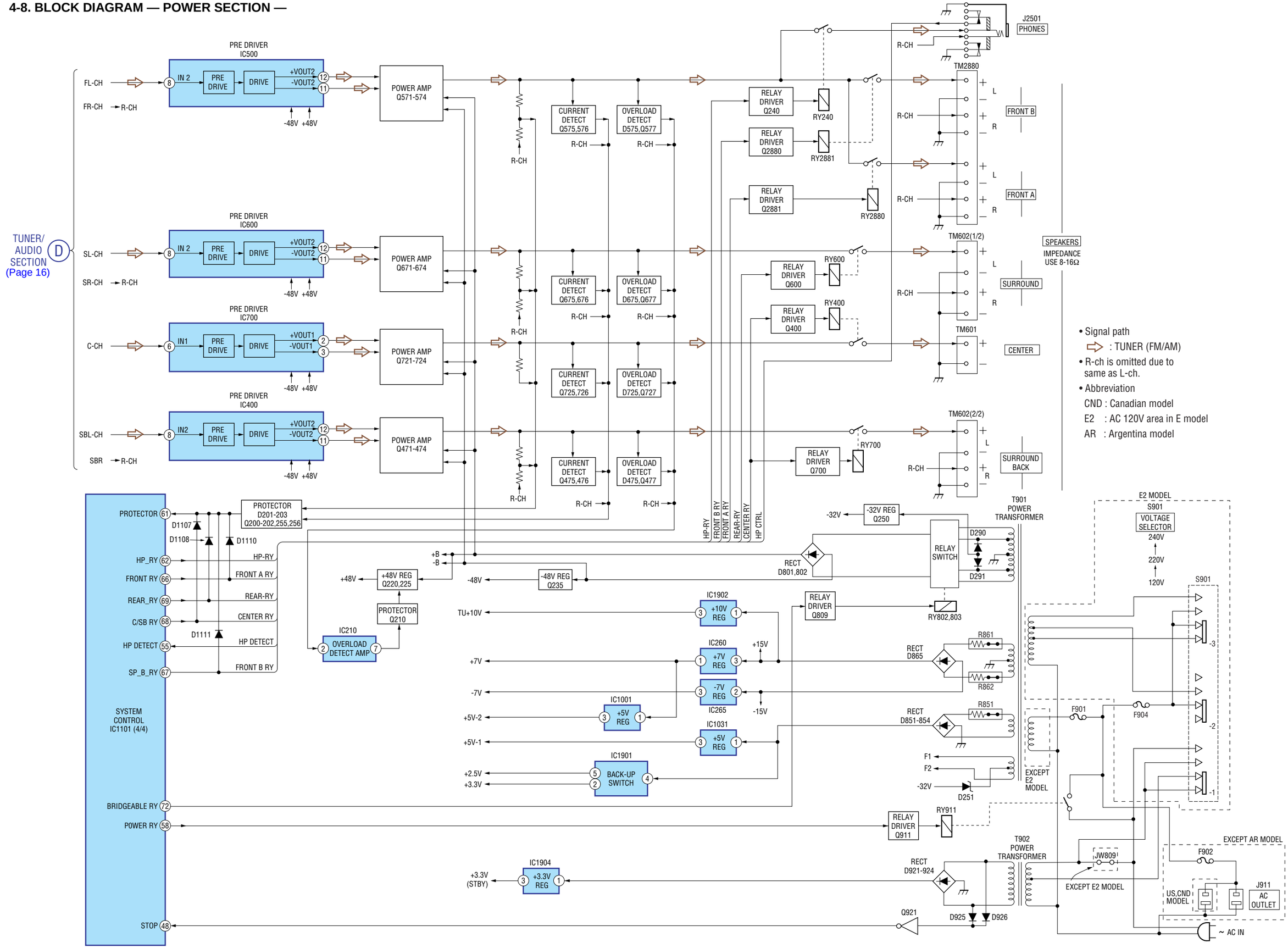
## 4-6. BLOCK DIAGRAM — KEY/DISPLAY SECTION —



## 4-7. BLOCK DIAGRAM — UP CONVERT SECTION (US, Canadian MODEL) —



## 4-8. BLOCK DIAGRAM — POWER SECTION —



**THIS NOTE IS COMMON FOR PRINTED WIRING BOARDS AND SCHEMATIC DIAGRAMS.**
**(In addition to this, the necessary note is printed in each block.)**

**for schematic diagram:**

- All capacitors are in μF unless otherwise noted. pF: μμF 50 WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and 1/4 W or less unless otherwise specified.
- △ : internal component.
- : nonflammable resistor.
- : fusible resistor.
- : panel designation.

| **Note:** | **Note:** |
|---|---|
| The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified. | Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une piéce portant le numéro spécifié. |

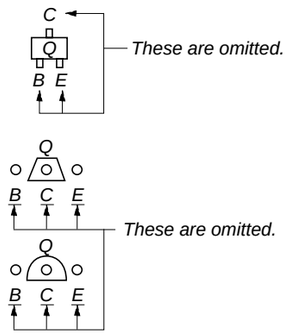
- : B+ Line.
- : B– Line.
- Voltage and waveforms are dc with respect to ground under no-signal (detuned) conditions.
  no mark : FM
- Voltages are taken with a VOM (Input impedance 10 MΩ). Voltage variations may be noted due to normal production tolerances.
- Waveforms are taken with a oscilloscope. Voltage variations may be noted due to normal production tolerances.
- Circled numbers refer to waveforms.
- Signal path.
  - : TUNER (FM/AM)
  - : VIDEO (AUDIO)
  - : VIDEO
  - : CD (ANALOG)
  - : CD (DIGITAL)
- Abbreviation
  - CND : Canadian model.
  - E2 : AC 120 V area in E model.
  - AR : Argentina model.
  - MY : Malaysia model.
  - SP : Singapore model.

**for printed wiring boards:**

- : parts extracted from the component side.
- △ : internal component.
- : Pattern from the side which enables seeing.

Caution:
Pattern face side: (Side B) Parts on the pattern face side seen from the pattern face are indicated.
Parts face side: (Side A) Parts on the parts face side seen from the parts face are indicated.

- Abbreviation
  - CND : Canadian model.
  - E2 : AC 120 V area in E model.
  - AR : Argentina model.
  - MY : Malaysia model.
  - SP : Singapore model.




## • Waveforms (DIGITAL Board)

1 1V/DIV 50nsec/DIV — 3.8Vp-p — 12.288MHz — IC1301 (13) (CKOUT)

2 1V/DIV 0.2μsec/DIV — 3.2Vp-p — 3.07MHz — IC1301 (14) (BCK)

3 1V/DIV 50nsec/DIV — 3.5Vp-p — 12.288MHz — IC1301 (21) (XOUT)

4 1V/DIV 50nsec/DIV — 2.2Vp-p — 13.5MHz — IC1501 (9) (MCLK1)

5 1V/DIV 50nsec/DIV — 3.5Vp-p — 13.5MHz — IC1501 (12) (MCLK2)

6 1V/DIV 50nsec/DIV — 3.8Vp-p — 12.288MHz — IC1501 (14) (SCKOUT)

7 1V/DIV 50nsec/DIV — 2.1Vp-p — 16MHz — IC1101 (83) (X1)

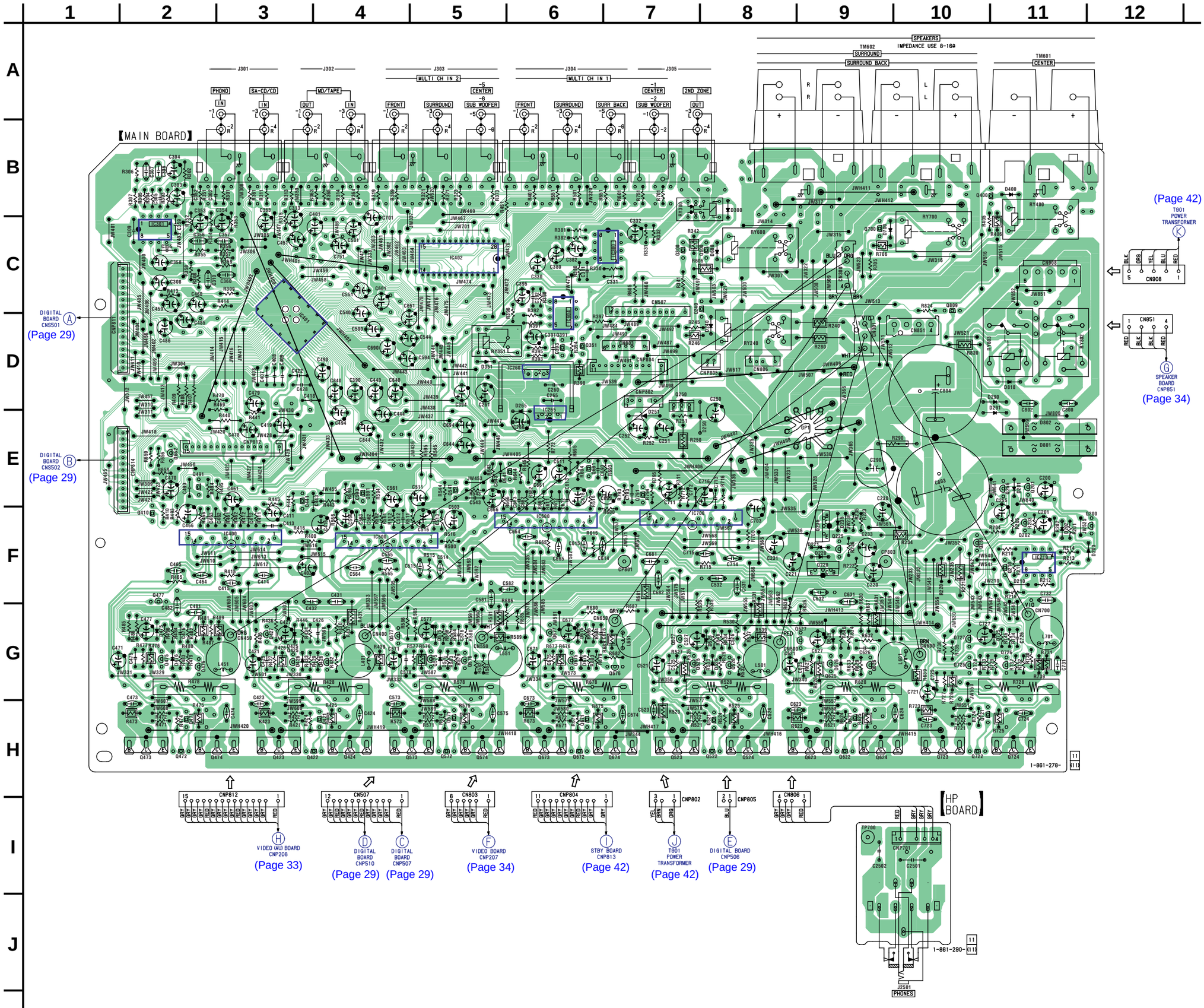
## • Waveform (UP CONVERT Board) (US, Canadian model only)

1 1V/DIV 20nsec/DIV — 4.2Vp-p — 3.5795MHz — IC3101 (4) (XTAL)

## • Waveform (DISPLAY Board)

1 1V/DIV 20nsec/DIV — 2.6Vp-p — 8MHz — IC100 (3) (XOUT)

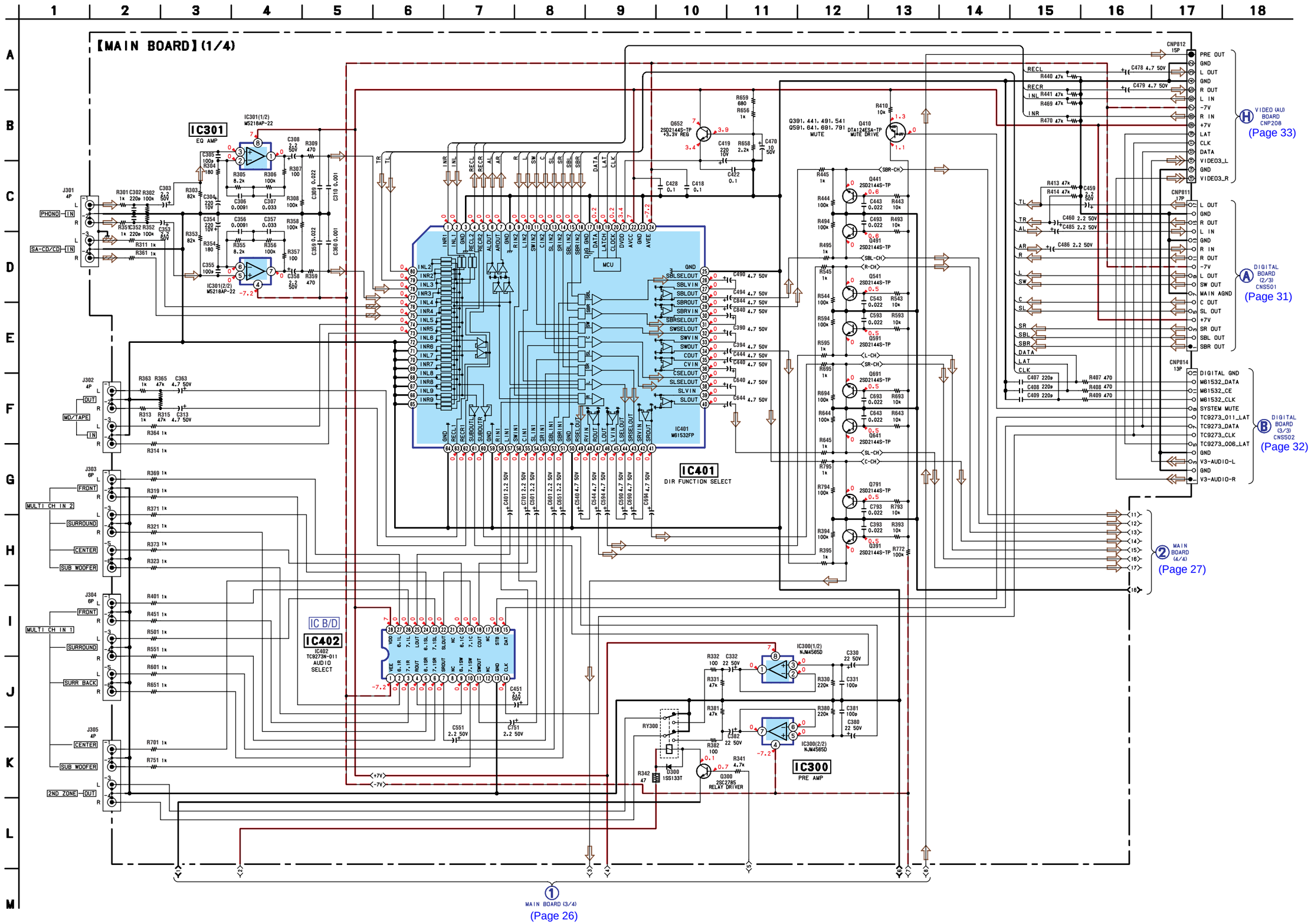
## 4-9. PRINTED WIRING BOARDS — MAIN SECTION — • Refer to page 15 for Circuit Boards Location and page 22 for Common Note on Printed Wiring Boards.



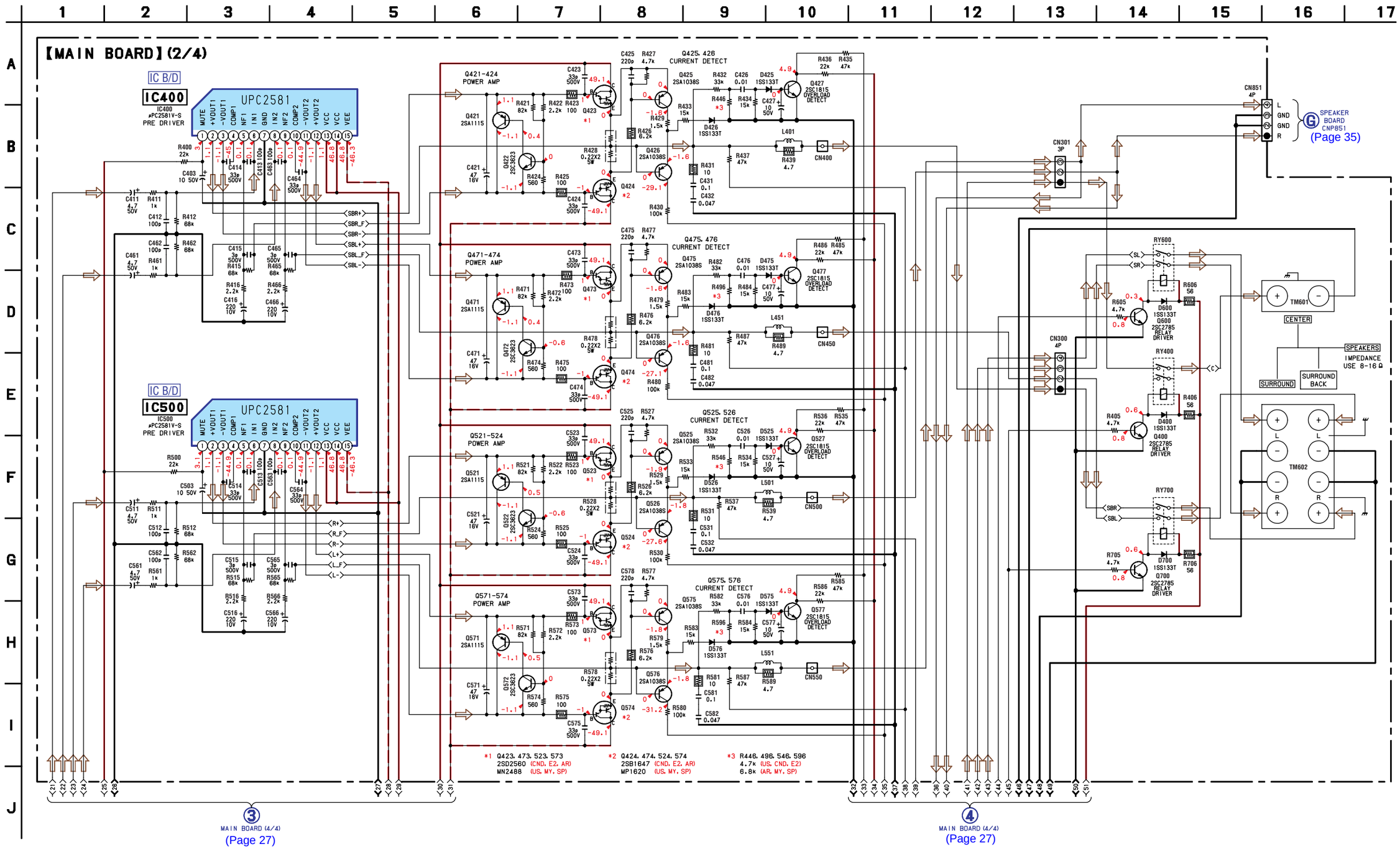

• **Semiconductor Location**

| Ref. No. | Location | Ref. No. | Location |
|---|---|---|---|
| D201 | E-11 | Q400 | B-10 |
| D202 | F-11 | Q410 | F-2 |
| D203 | F-12 | Q421 | H-4 |
| D220 | F-9 | Q422 | H-3 |
| D221 | F-9 | Q423 | H-3 |
| D235 | F-9 | Q424 | H-4 |
| D240 | D-8 | Q425 | G-3 |
| D250 | E-8 | Q426 | G-4 |
| D251 | E-7 | Q427 | G-3 |
| D265 | D-6 | Q441 | E-3 |
| D290 | D-11 | Q471 | H-2 |
| D291 | D-11 | Q472 | H-2 |
| D300 | B-8 | Q473 | H-2 |
| D351 | D-5 | Q474 | H-2 |
| D400 | B-11 | Q475 | G-2 |
| D425 | G-3 | Q476 | G-2 |
| D426 | G-3 | Q477 | F-2 |
| D475 | G-2 | Q491 | E-2 |
| D476 | G-2 | Q521 | H-8 |
| D525 | G-8 | Q522 | H-8 |
| D526 | G-8 | Q523 | H-7 |
| D575 | G-5 | Q524 | H-8 |
| D576 | G-6 | Q525 | G-7 |
| D600 | D-8 | Q526 | G-8 |
| D625 | G-9 | Q527 | G-7 |
| D626 | G-9 | Q541 | E-5 |
| D675 | G-6 | Q571 | H-5 |
| D676 | G-6 | Q572 | H-5 |
| D700 | C-9 | Q573 | H-5 |
| D725 | G-11 | Q574 | H-5 |
| D726 | G-10 | Q575 | G-5 |
| D801 | E-11 | Q576 | G-5 |
| D802 | E-11 | Q577 | G-4 |
| D818 | D-11 | Q591 | E-4 |
| | | Q600 | C-8 |
| IC210 | F-11 | Q621 | H-9 |
| IC260 | D-6 | Q622 | H-9 |
| IC265 | D-6 | Q623 | H-9 |
| IC300 | C-7 | Q624 | H-9 |
| IC301 | C-2 | Q625 | G-9 |
| IC400 | F-3 | Q626 | G-9 |
| IC401 | C-3 | Q627 | G-9 |
| IC402 | C-5 | Q641 | E-5 |
| IC500 | F-4 | Q652 | E-2 |
| IC600 | F-6 | Q671 | H-6 |
| IC604 | D-6 | Q672 | H-6 |
| IC700 | F-7 | Q673 | H-6 |
| | | Q674 | H-7 |
| Q200 | F-11 | Q675 | G-6 |
| Q201 | E-11 | Q676 | G-7 |
| Q202 | F-11 | Q677 | G-6 |
| Q210 | F-11 | Q691 | E-6 |
| Q220 | F-9 | Q700 | C-9 |
| Q225 | F-9 | Q721 | H-10 |
| Q235 | F-9 | Q722 | H-10 |
| Q240 | C-7 | Q723 | H-10 |
| Q250 | D-7 | Q724 | H-11 |
| Q255 | F-10 | Q725 | G-10 |
| Q256 | E-11 | Q726 | G-11 |
| Q300 | C-7 | Q727 | G-10 |
| Q351 | D-6 | Q791 | E-7 |
| Q391 | D-6 | Q809 | |

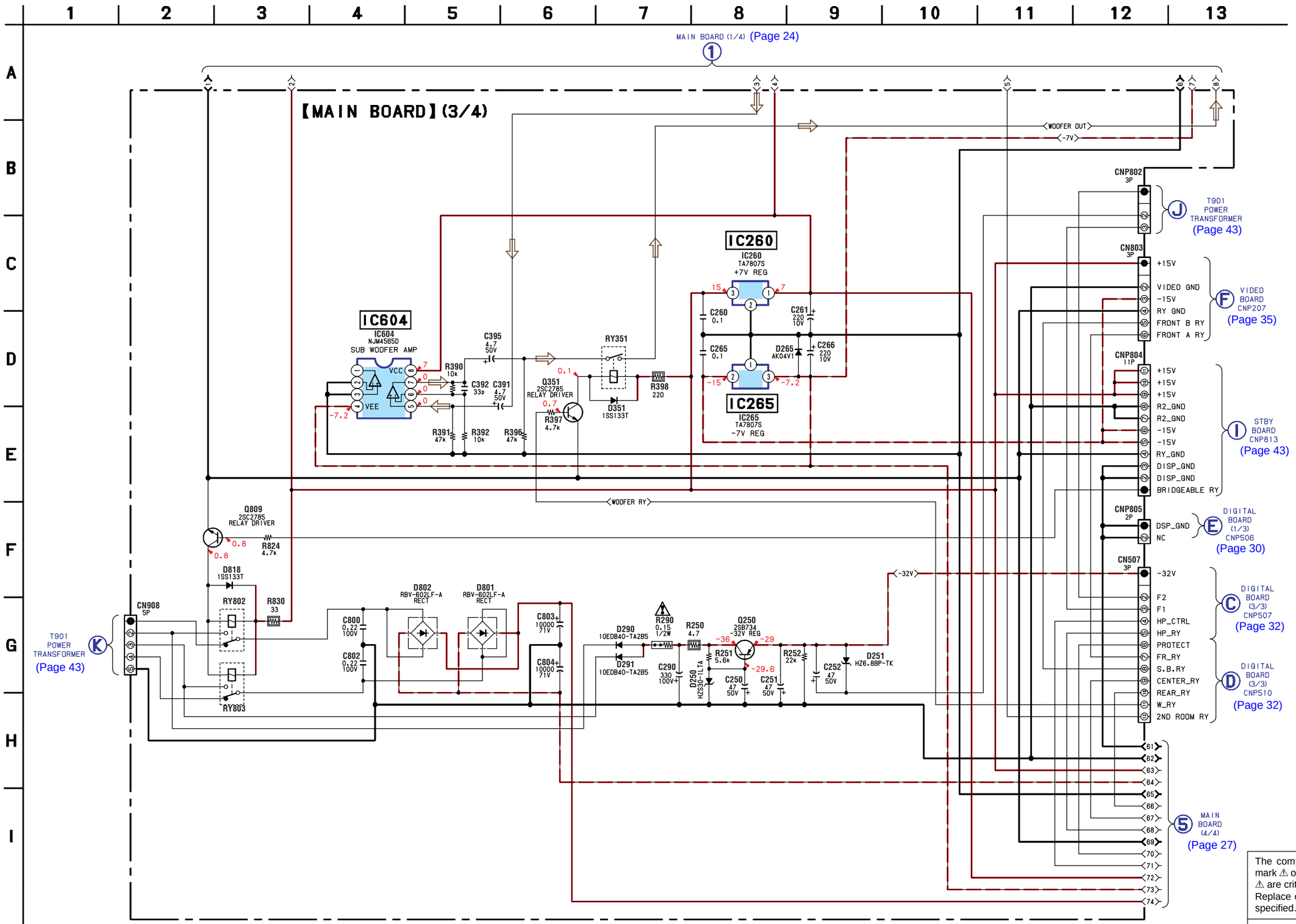
## 4-10. SCHEMATIC DIAGRAM — MAIN SECTION (1/4) — • Refer to page 22 for Common Note on Schematic Diagram and page 44 for IC Block Diagrams.



## 4-11. SCHEMATIC DIAGRAM — MAIN SECTION (2/4) — • Refer to page 22 for Common Note on Schematic Diagram and page 44 for IC Block Diagrams.



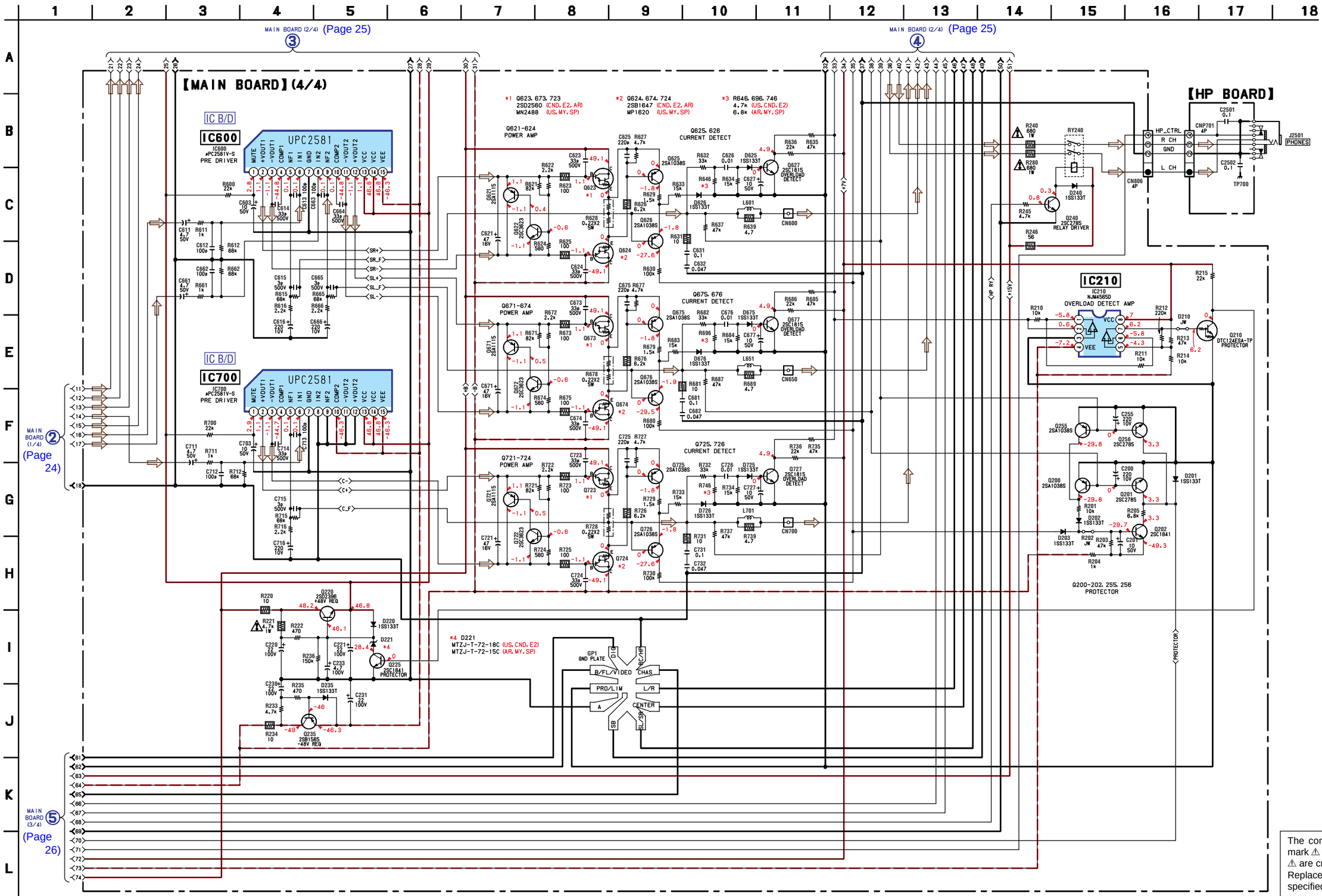
## 4-12. SCHEMATIC DIAGRAM — MAIN SECTION (3/4) — • Refer to page 22 for Common Note on Schematic Diagram.




The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

Les composants identifiés par une marque ⚠ sont critiques pour la sécurité.
Ne les remplacer que par une pièce portant le numéro spécifié.

## 4-13. SCHEMATIC DIAGRAM — MAIN SECTION (4/4) — • Refer to page 22 for Common Note on Schematic Diagram and page 44 for IC Block Diagrams.

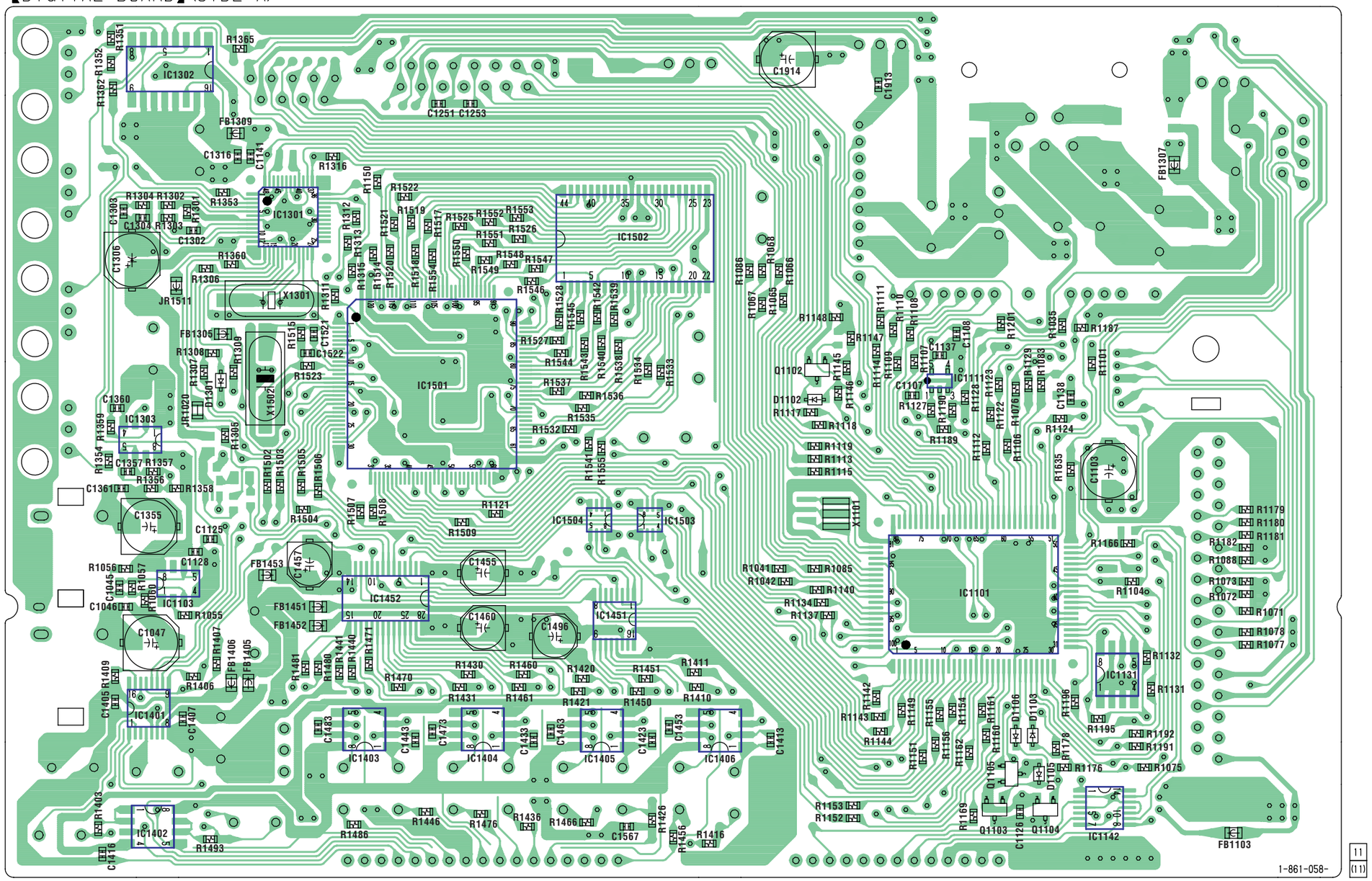



The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

Les composants identifiés par une marque ⚠ sont critiques pour la sécurité.
Ne les remplacer que par une pièce portant le numéro spécifié.

**4-14. PRINTED WIRING BOARD — DIGITAL SECTION (1/2) — • Refer to page 22 for Circuit Boards Location and page 22 for Common Note on Printed Wiring Boards.**

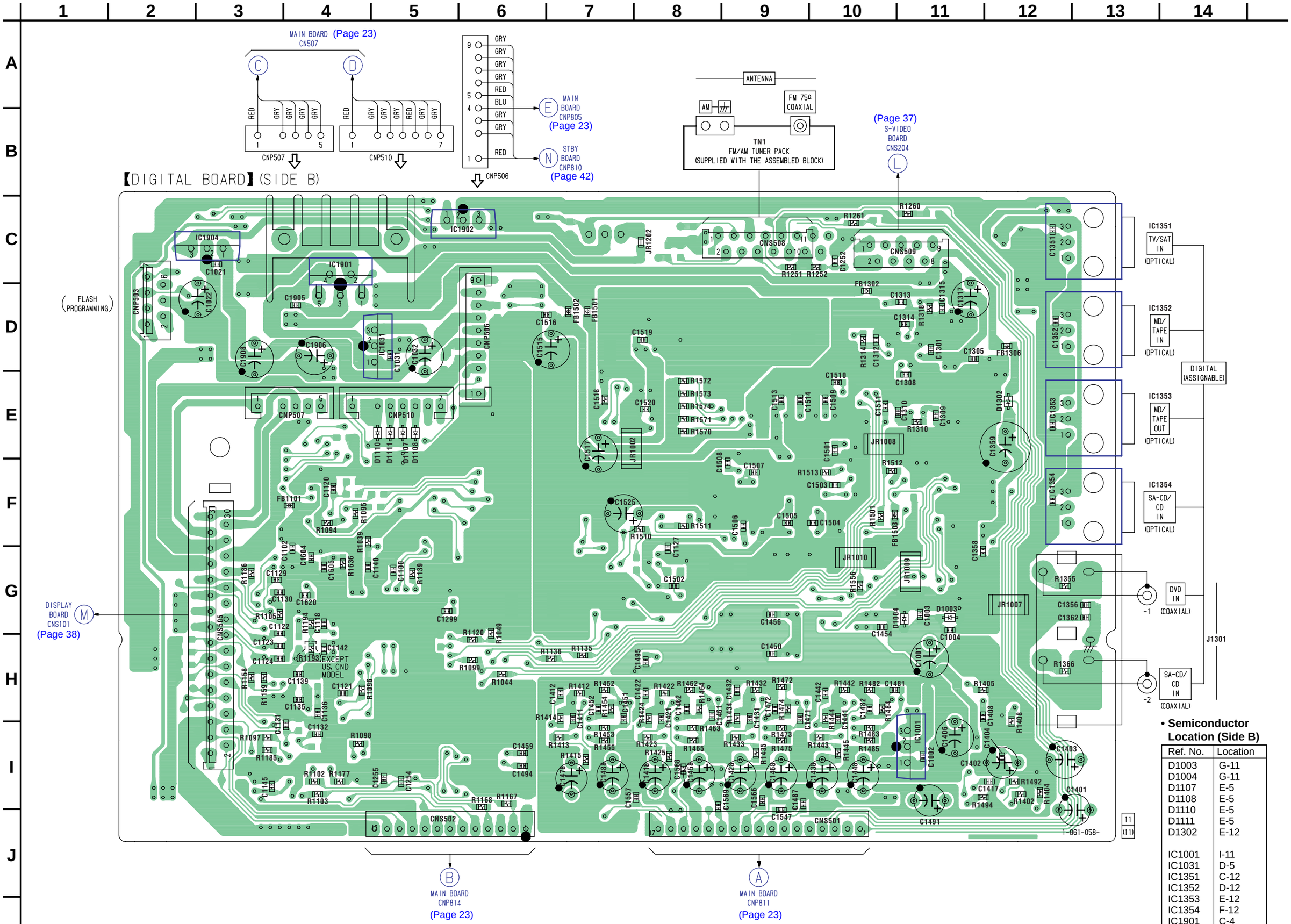
【DIGITAL BOARD】(SIDE A)




- **Semiconductor Location (Side A)**

| Ref. No. | Location |
|---|---|
| D1102 | F-6 |
| D1103 | H-4 |
| D1105 | I-4 |
| D1106 | H-4 |
| D1301 | F-11 |
| | |
| IC1101 | G-5 |
| IC1103 | H-12 |
| IC1111 | F-5 |
| IC1131 | H-4 |
| IC1142 | I-4 |
| IC1301 | D-11 |
| IC1302 | C-12 |
| IC1303 | F-12 |
| IC1401 | H-12 |
| IC1402 | I-12 |
| IC1403 | I-10 |
| IC1404 | I-9 |
| IC1405 | I-8 |
| IC1406 | I-7 |
| IC1451 | H-8 |
| IC1452 | G-10 |
| IC1501 | F-9 |
| IC1502 | D-8 |
| IC1503 | G-8 |
| IC1504 | G-8 |
| | |
| Q1102 | F-6 |
| Q1103 | I-5 |
| Q1104 | I-4 |
| Q1105 | I-5 |

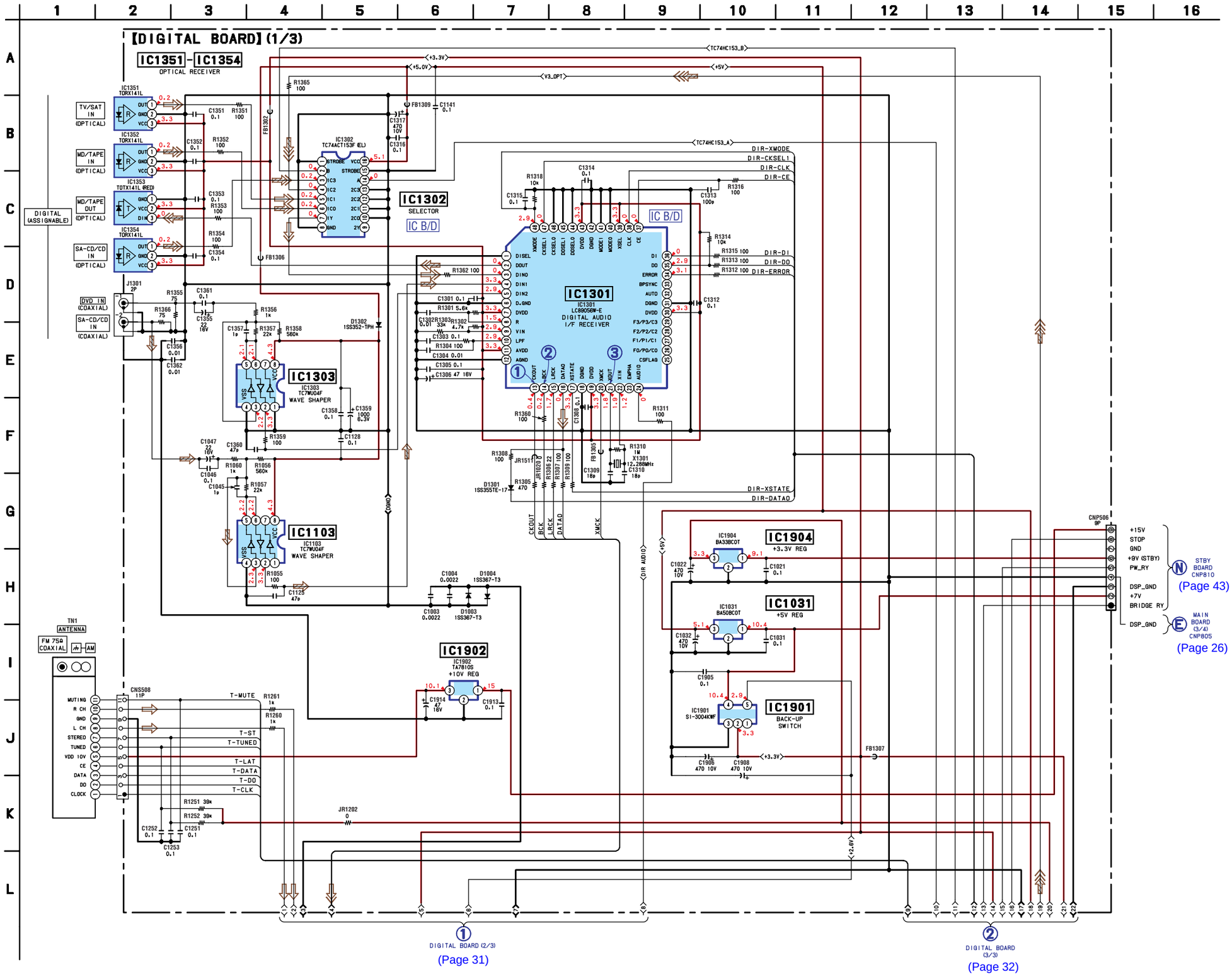
## 4-15. PRINTED WIRING BOARD — DIGITAL SECTION (2/2) — • Refer to page 15 for Circuit Boards Location and page 21 for Common Note on Printed Wiring Boards.



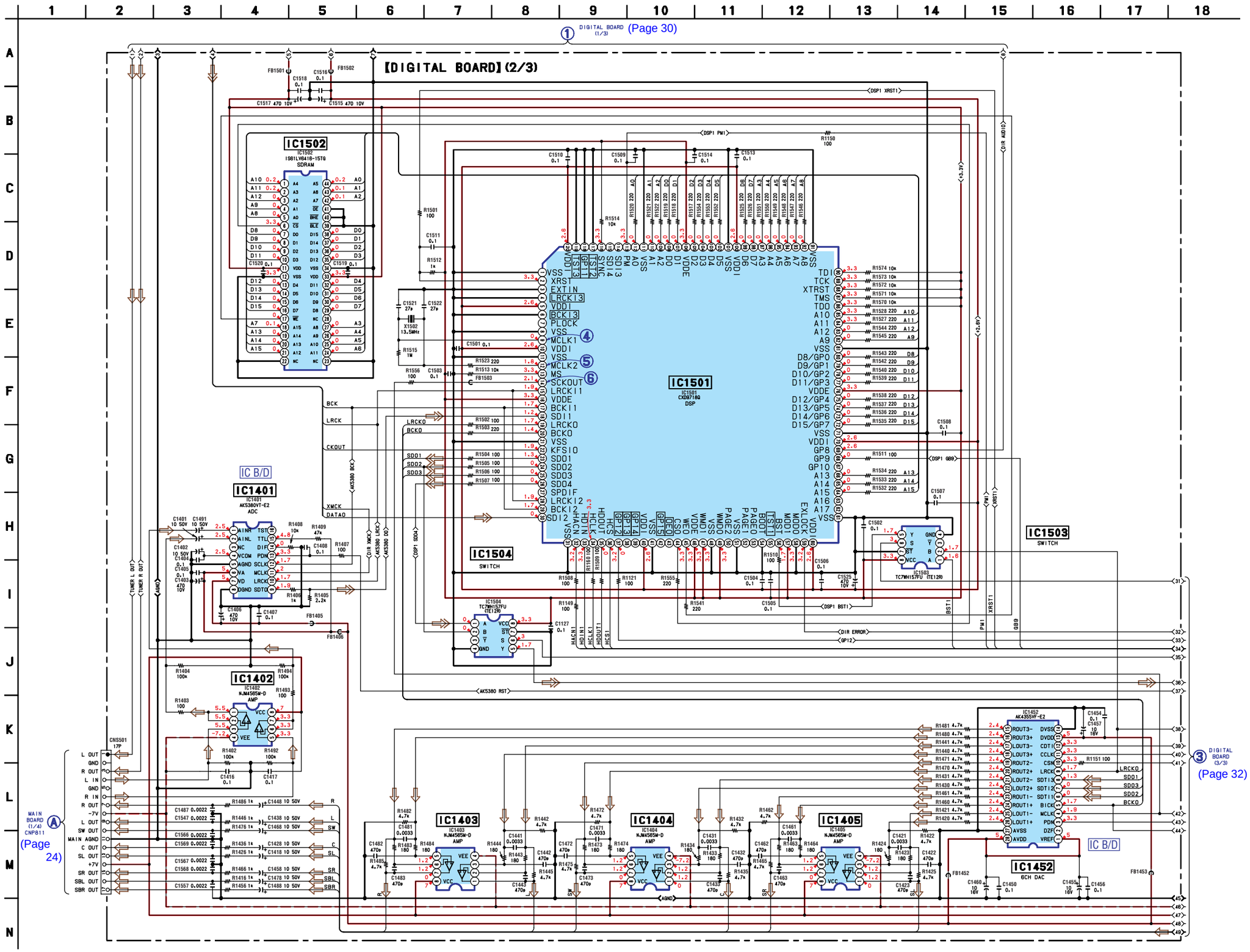

- **Semiconductor Location (Side B)**

| Ref. No. | Location |
|---|---|
| D1003 | G-11 |
| D1004 | G-11 |
| D1107 | E-5 |
| D1108 | E-5 |
| D1110 | E-5 |
| D1111 | E-5 |
| D1302 | E-12 |
| | |
| IC1001 | I-11 |
| IC1031 | D-5 |
| IC1351 | C-12 |
| IC1352 | D-12 |
| IC1353 | E-12 |
| IC1354 | F-12 |
| IC1901 | C-4 |
| IC1902 | C-6 |
| IC1904 | C-3 |

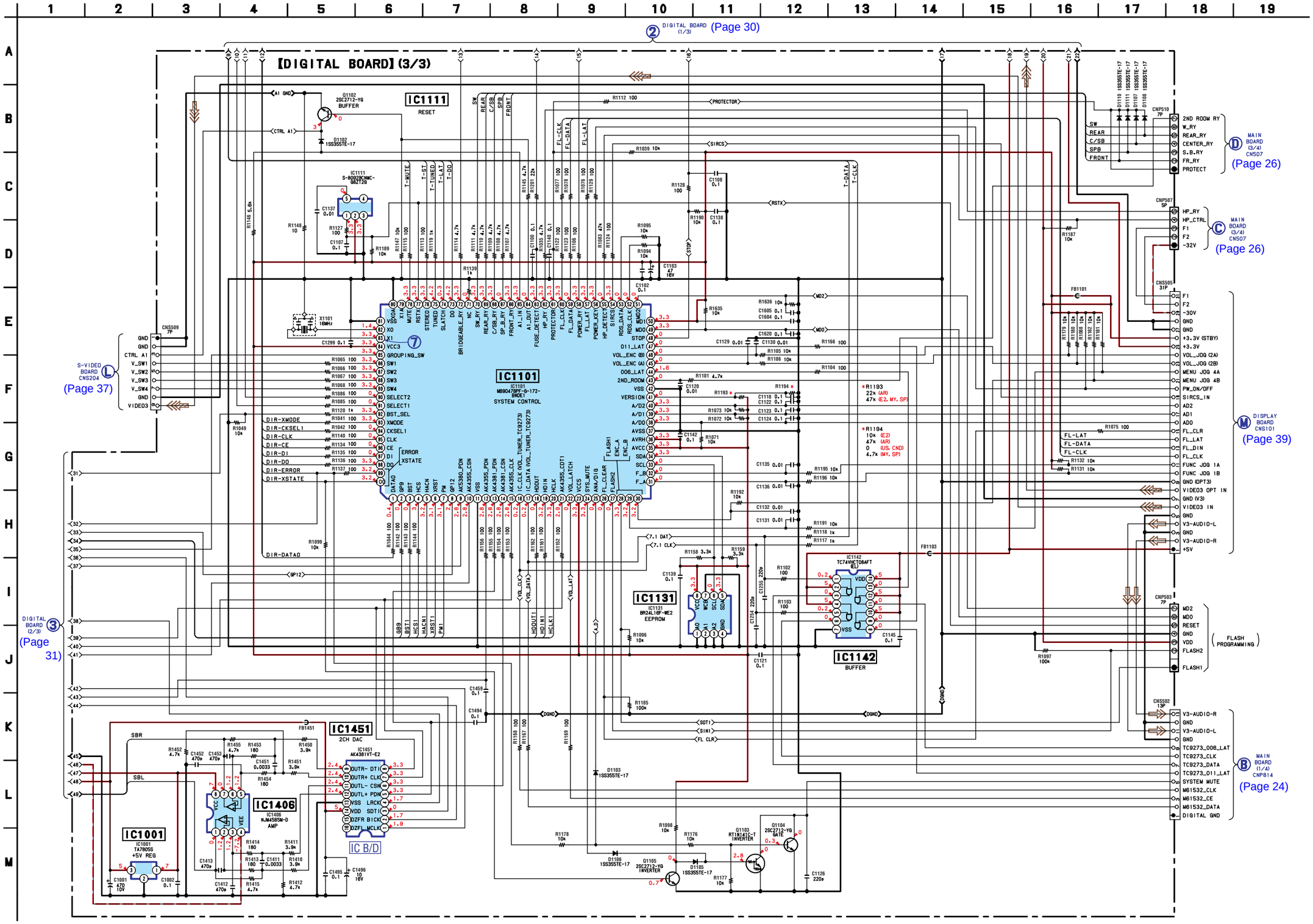
## 4-16. SCHEMATIC DIAGRAM — DIGITAL SECTION (1/3) — • Refer to page 22 for Common Note on Schematic Diagram and Waveforms and page 44 for IC Block Diagrams.



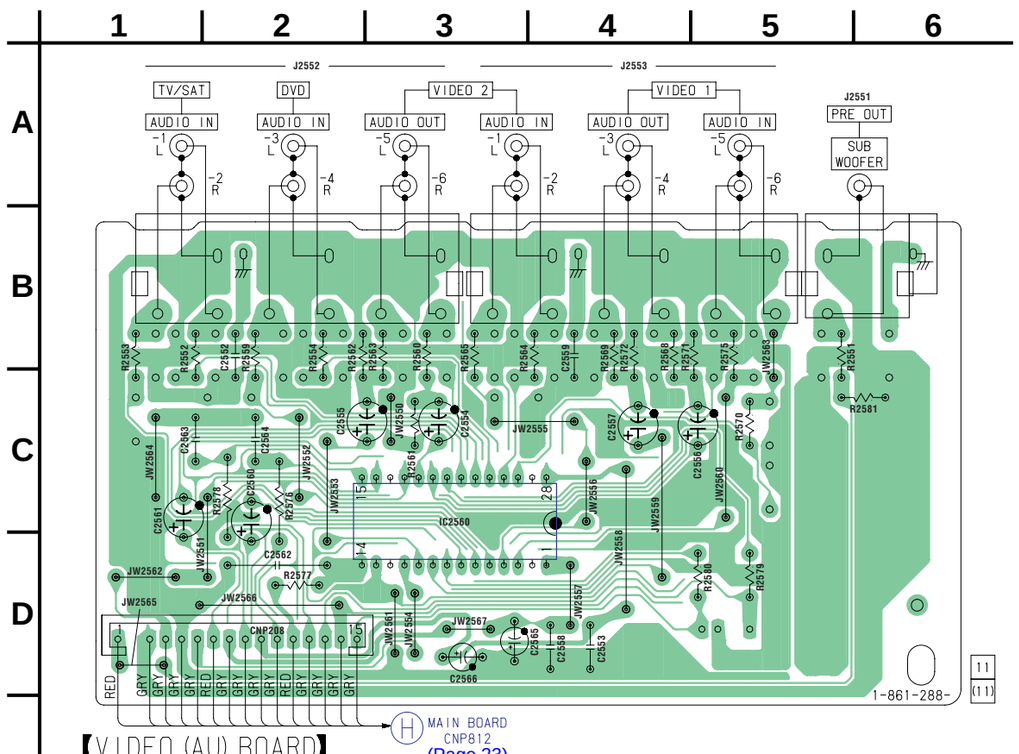
**4-17. SCHEMATIC DIAGRAM — DIGITAL SECTION (2/3) — • Refer to page 22 for Common Note on Schematic Diagram and Waveforms and page 44 for IC Block Diagrams.**



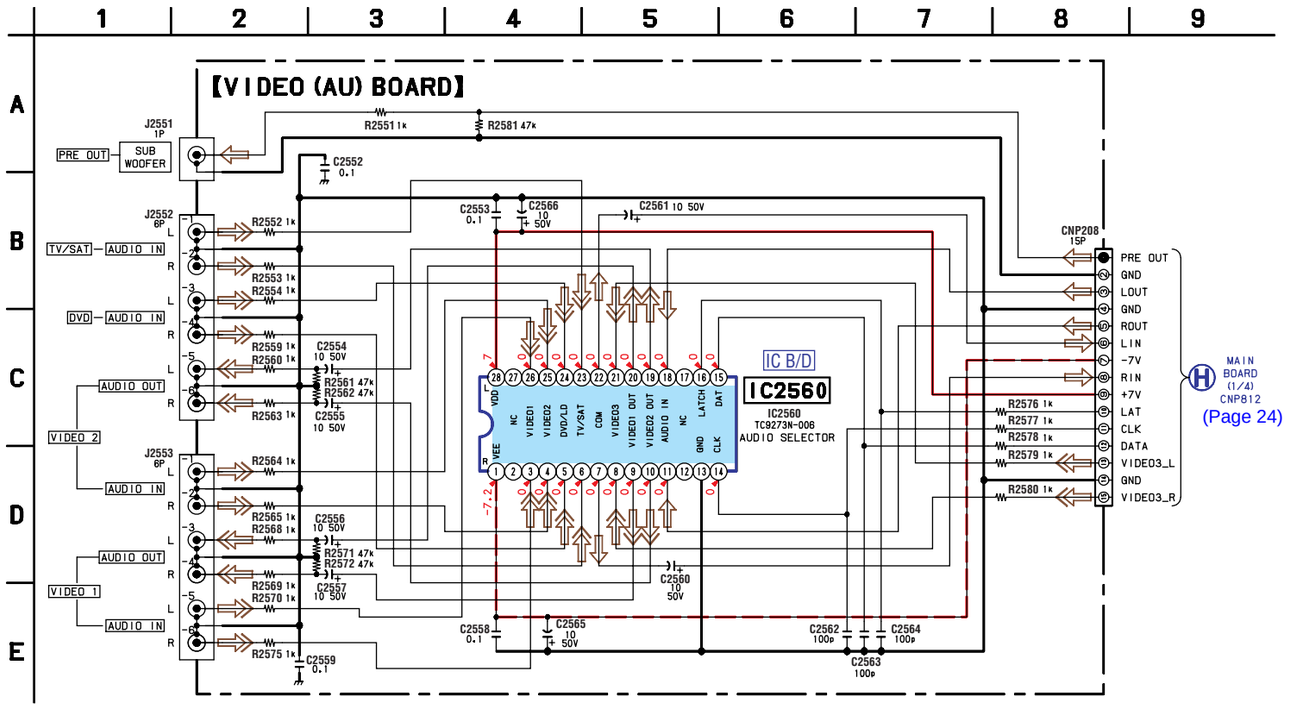
## 4-18. SCHEMATIC DIAGRAM — DIGITAL SECTION (3/3) — • Refer to page 22 for Common Note on Schematic Diagram and Waveforms and page 45 for IC Block Diagrams.



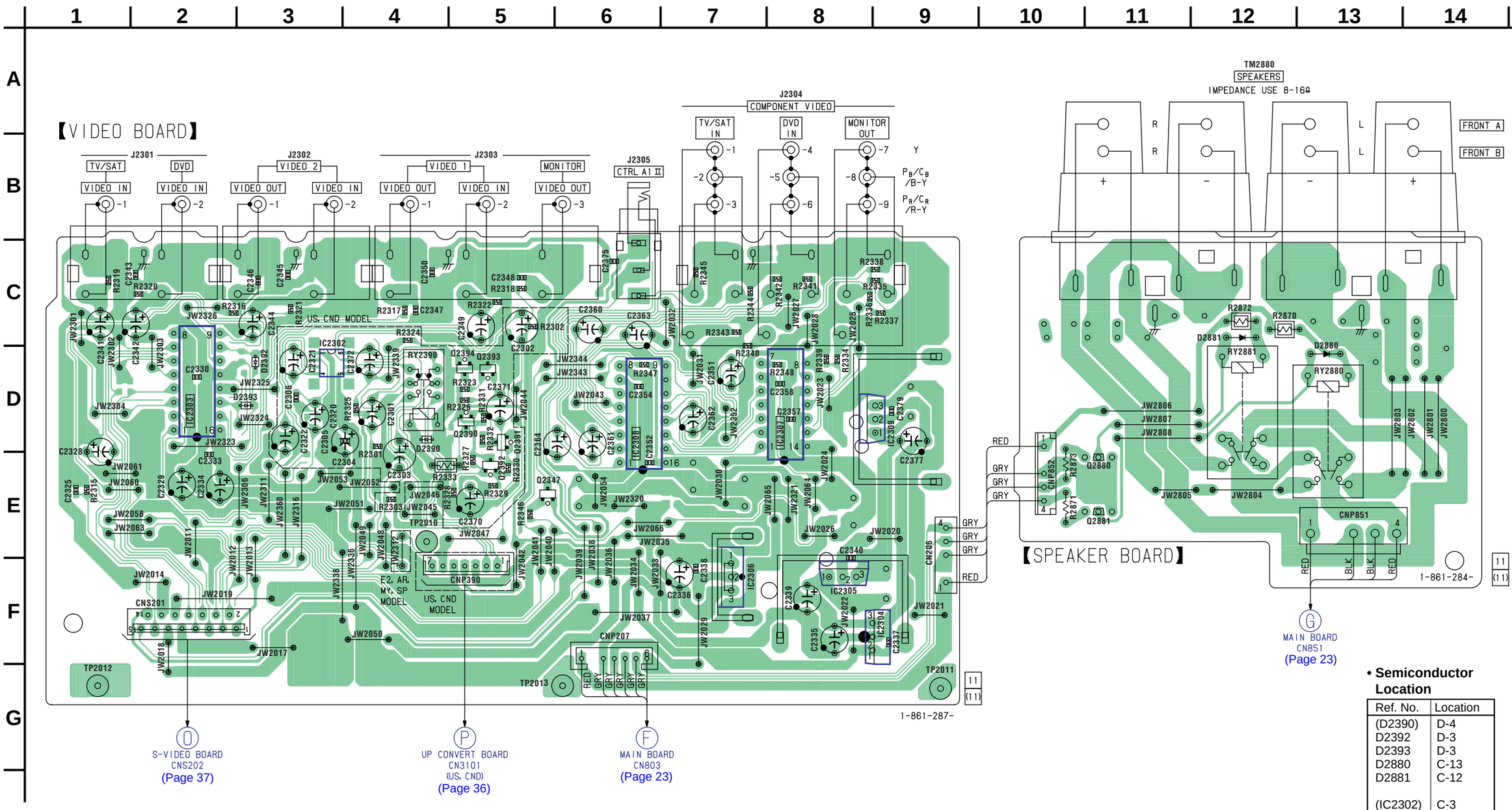
**4-19. PRINTED WIRING BOARD — AUDIO SECTION — • Refer to page 15 for Circuit Boards Location and page 22 for Common Note on Printed Wiring Boards.**




**4-20. SCHEMATIC DIAGRAM — AUDIO SECTION — • Refer to page 22 for Common Note on Schematic Diagram and page 45 for IC Block Diagrams.**



**4-21. PRINTED WIRING BOARDS — VIDEO SECTION —** **• Refer to page 15 for Circuit Boards Location and page 22 for Common Note on Printed Wiring Boards.**

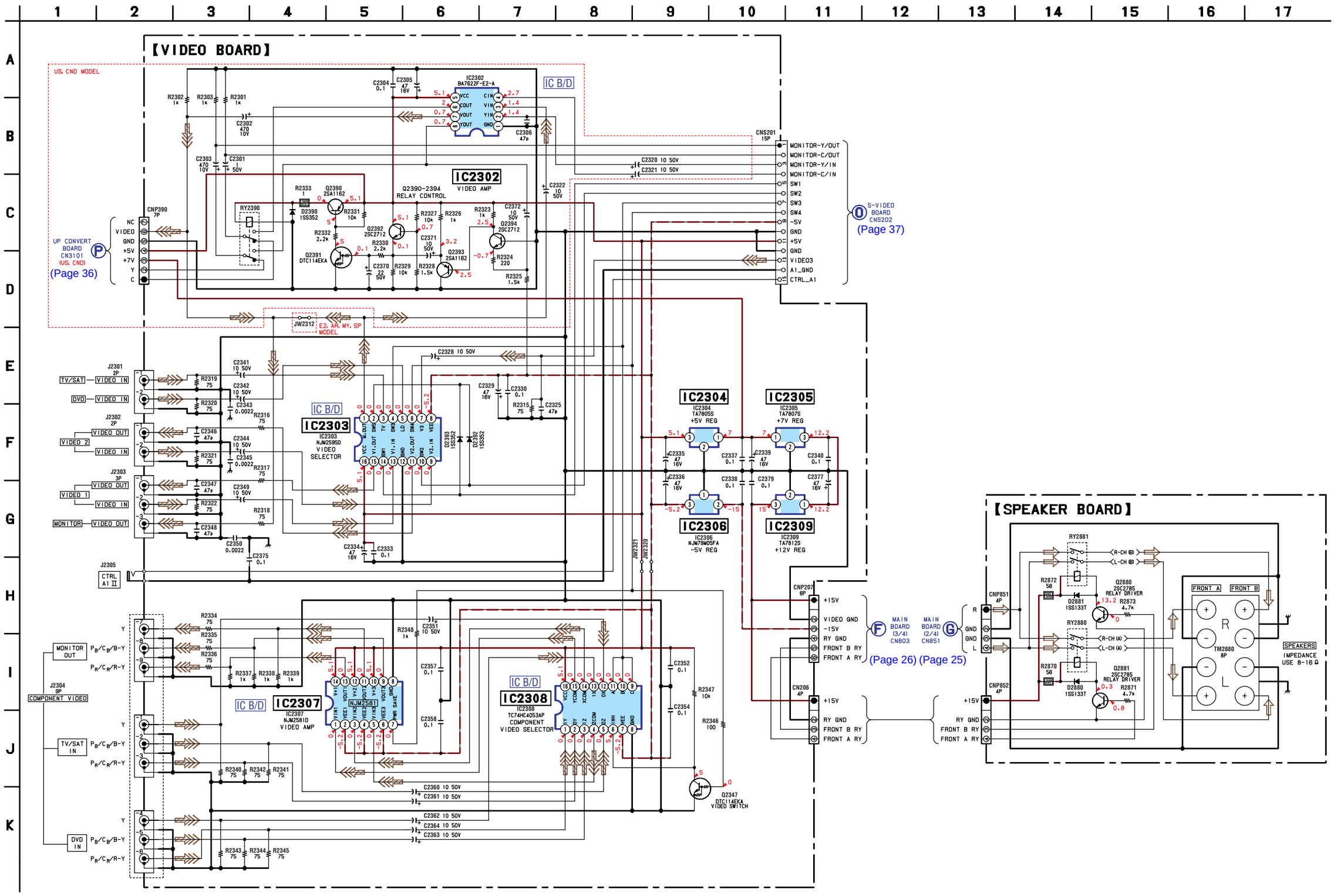



- **Semiconductor Location**

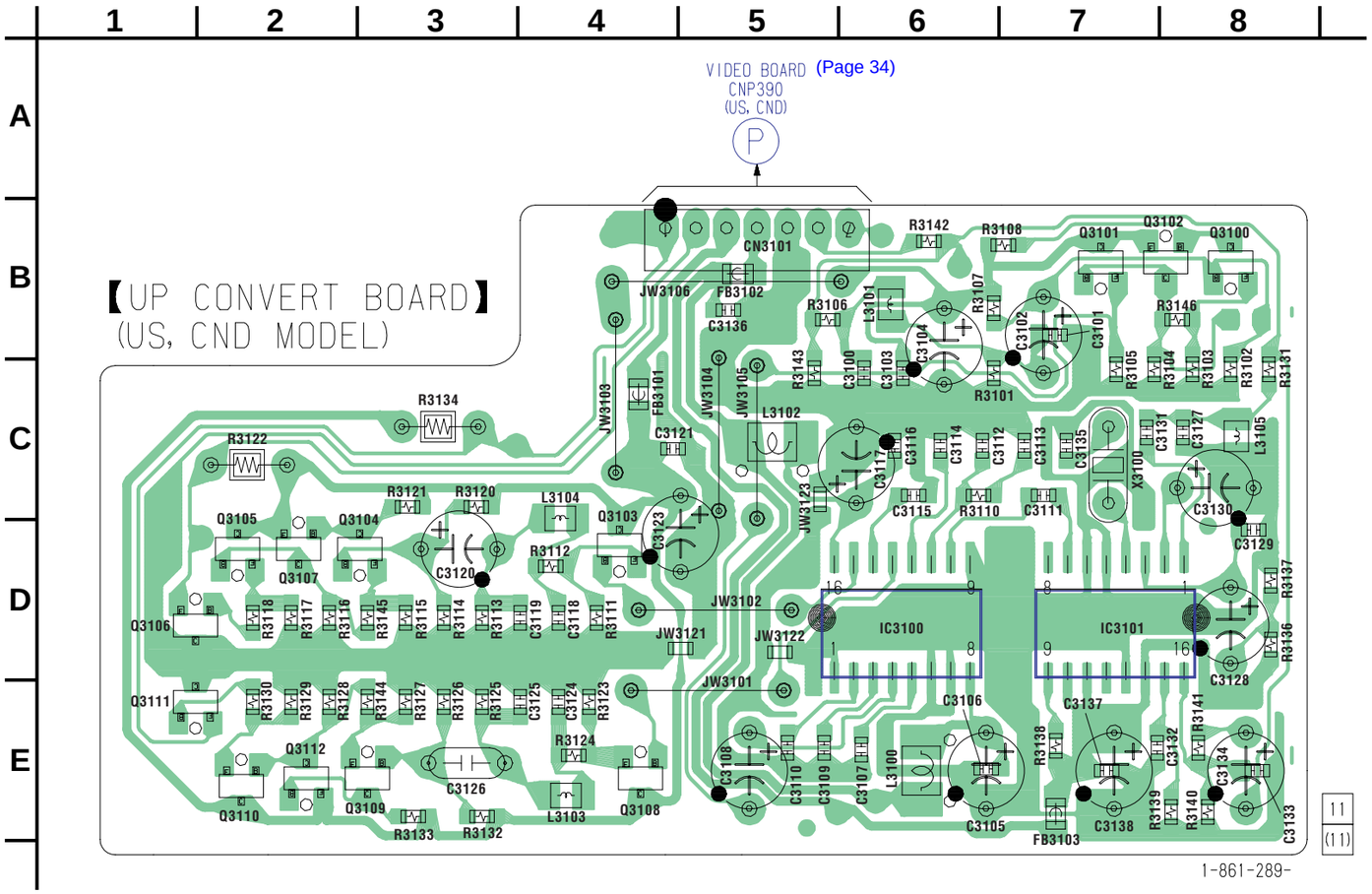
| Ref. No. | Location |
|---|---|
| (D2390) | D-4 |
| D2392 | D-3 |
| D2393 | D-3 |
| D2880 | C-13 |
| D2881 | C-12 |
| (IC2302) | C-3 |
| IC2303 | D-2 |
| IC2304 | F-9 |
| IC2305 | F-8 |
| IC2306 | F-7 |
| IC2307 | D-8 |
| IC2308 | D-6 |
| IC2309 | D-9 |
| Q2347 | E-5 |
| (Q2390) | D-5 |
| (Q2391) | D-5 |
| (Q2392) | E-5 |
| (Q2393) | D-5 |
| (Q2394) | D-5 |
| Q2880 | E-11 |
| Q2881 | E-11 |

( ): US, Canadian model only

## 4-22. SCHEMATIC DIAGRAM — VIDEO SECTION — • Refer to page 22 for Common Note on Schematic Diagram and Waveforms and page 46 for IC Block Diagrams.



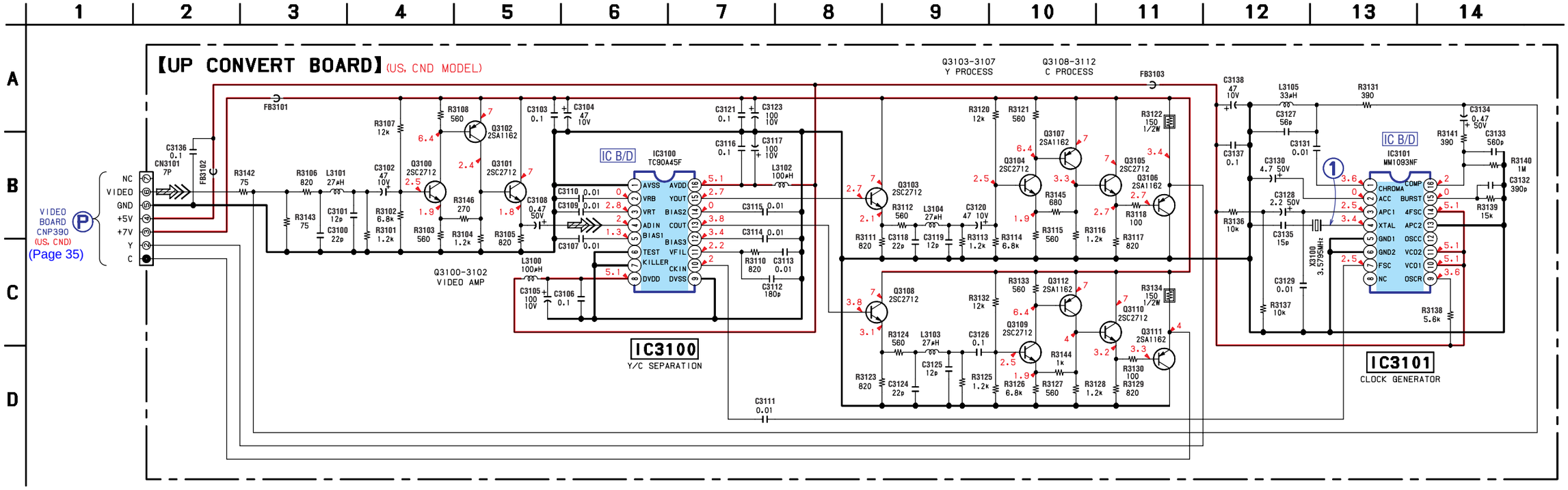
**4-23. PRINTED WIRING BOARD — UP CONVERT SECTION (US, Canadian MODEL) — • Refer to page 15 for Circuit Boards Location and page 22 for Common Note on Printed Wiring Boards.**



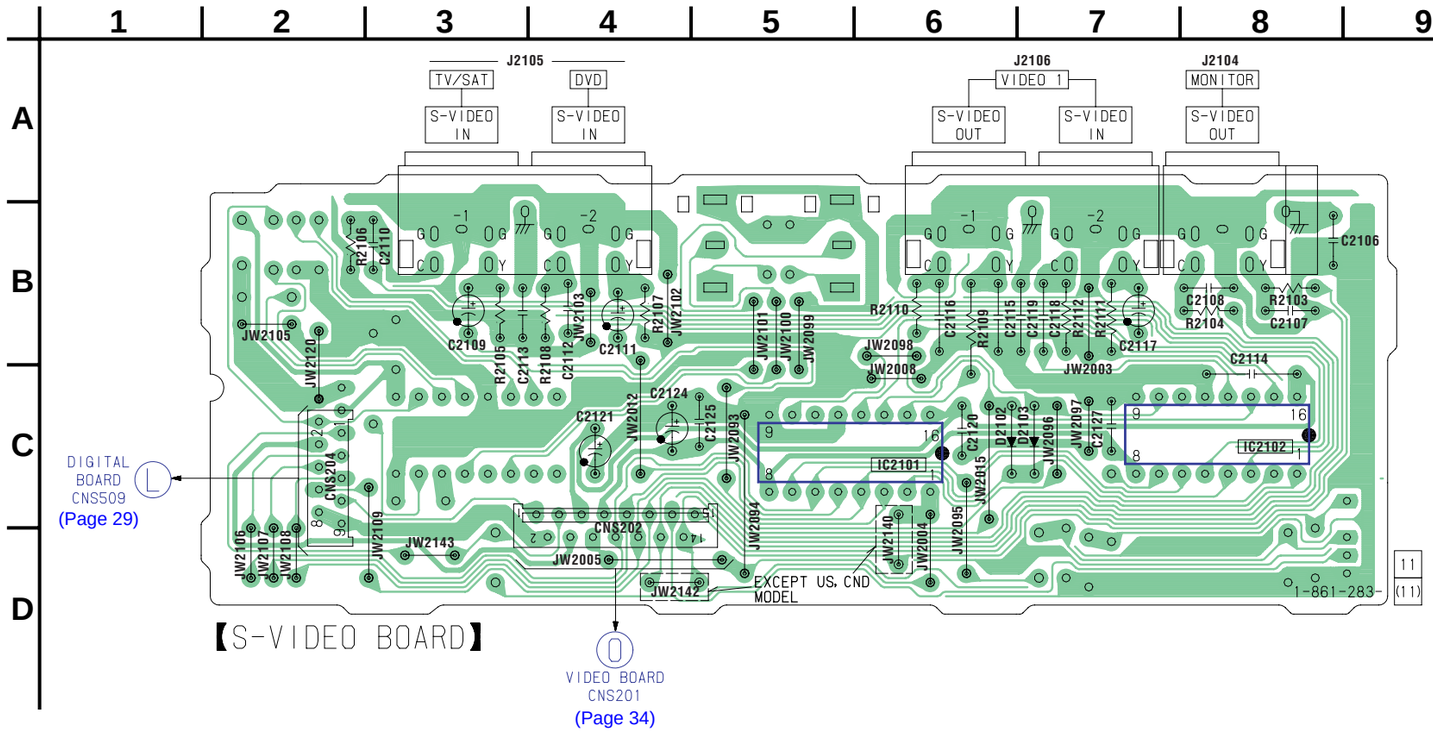

- **Semiconductor Location**

| Ref. No. | Location |
|---|---|
| IC3100 | D-6 |
| IC3101 | D-7 |
| Q3100 | B-8 |
| Q3101 | B-7 |
| Q3102 | B-8 |
| Q3103 | D-4 |
| Q3104 | D-2 |
| Q3105 | D-2 |
| Q3106 | D-1 |
| Q3107 | D-2 |
| Q3108 | E-4 |
| Q3109 | E-3 |
| Q3110 | E-2 |
| Q3111 | E-1 |
| Q3112 | E-2 |

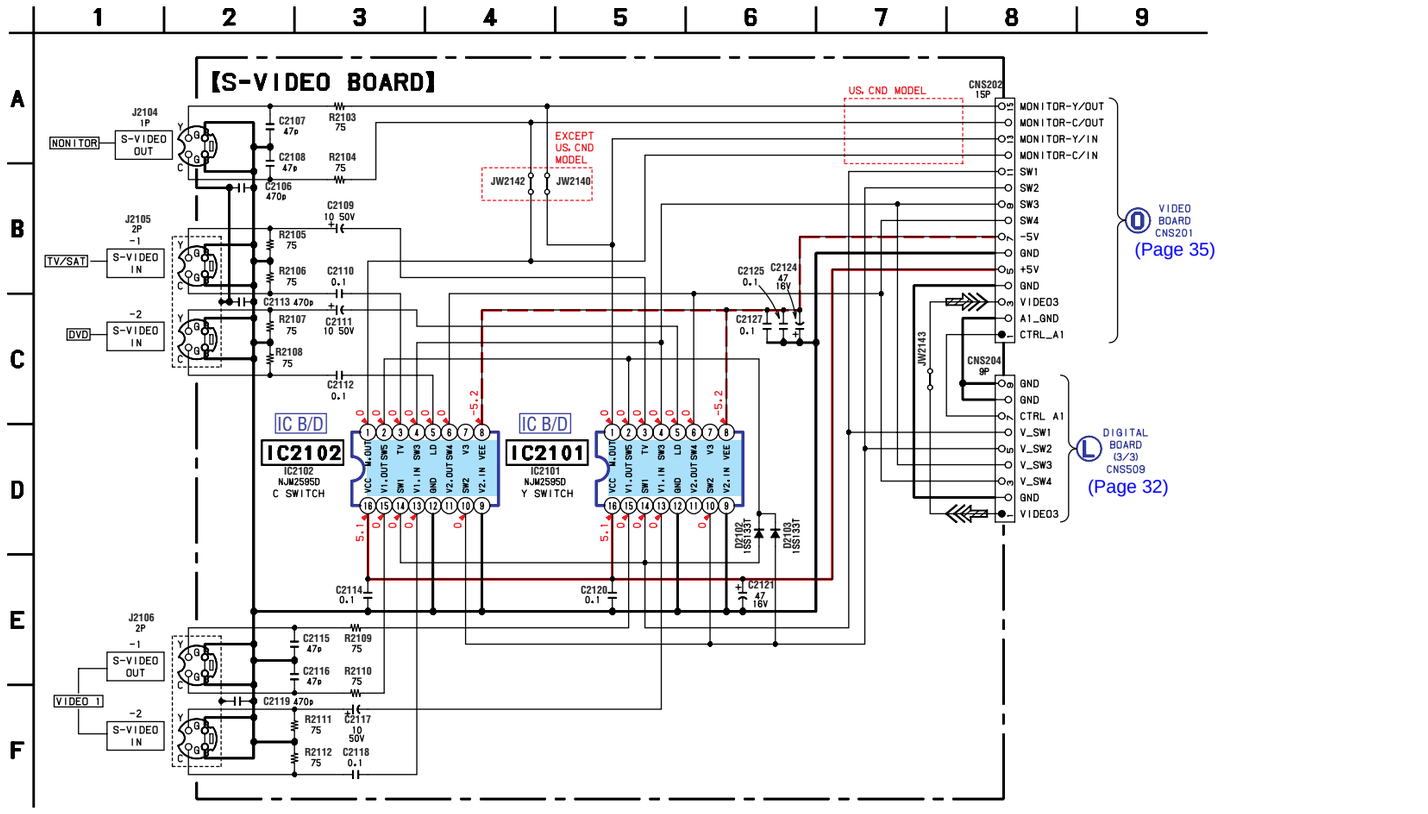
**4-24. SCHEMATIC DIAGRAM — UP CONVERT SECTION (US, Canadian MODEL) — • Refer to page 22 for Common Note on Schematic Diagram and Waveform and page 48 for IC Block Diagrams.**



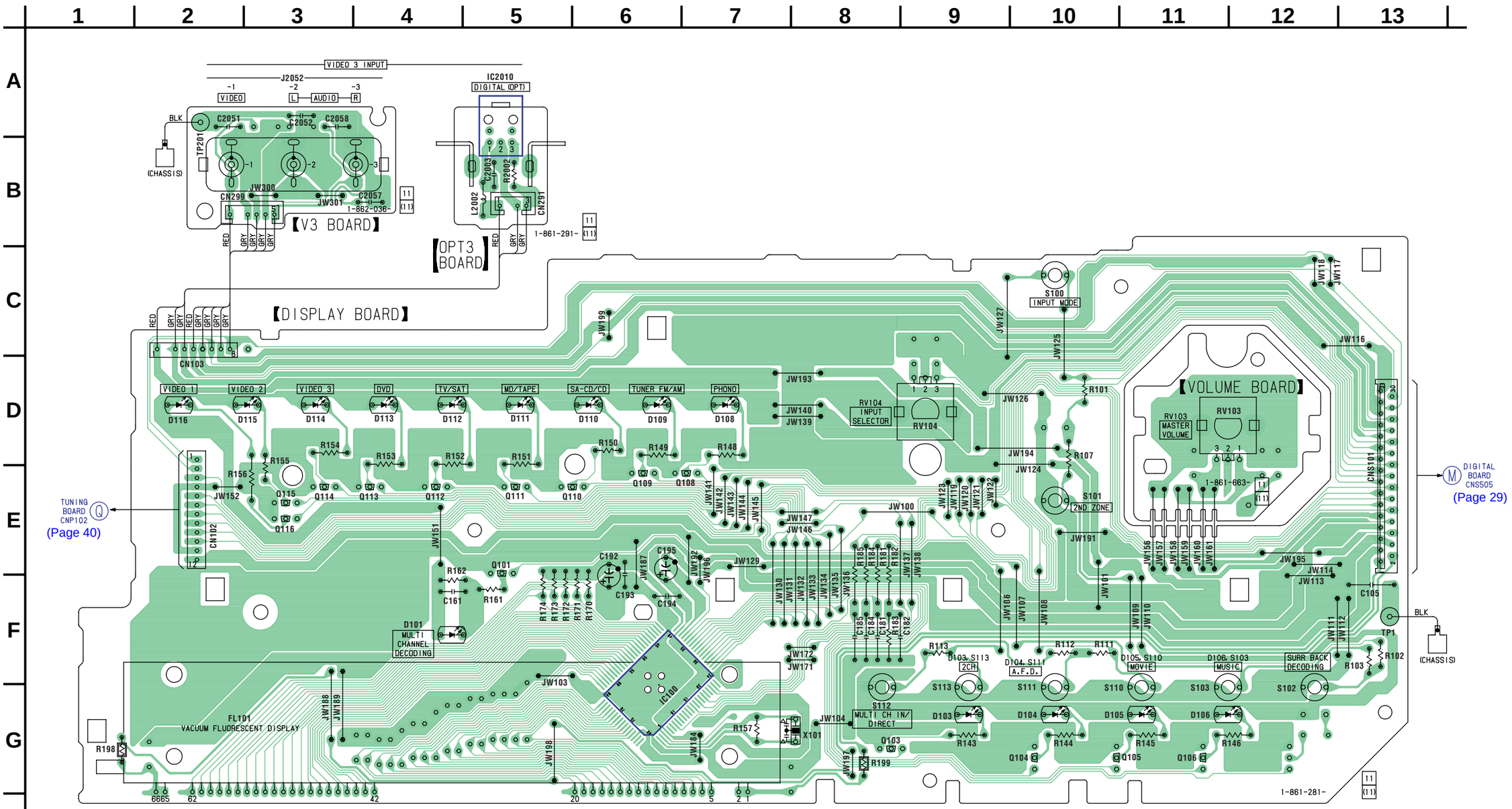
**4-25. PRINTED WIRING BOARD — S-VIDEO SECTION — • Refer to page 15 for Circuit Boards Location and page 22 for Common Note on Printed Wiring Boards.**




**4-26. SCHEMATIC DIAGRAM — S-VIDEO SECTION — • Refer to page 22 for Common Note on Schematic Diagram and page 46 for IC Block Diagrams.**



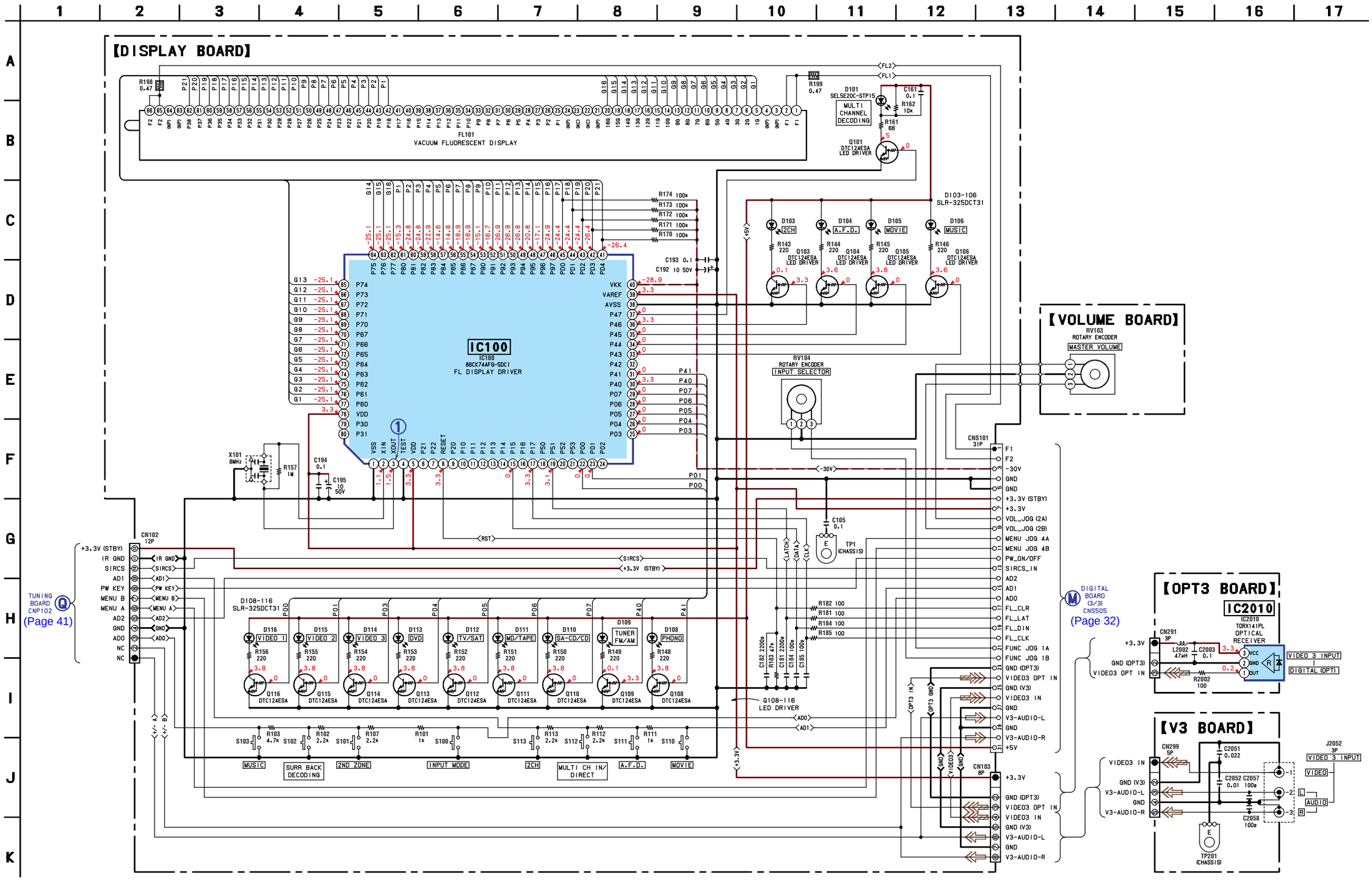
**4-27. PRINTED WIRING BOARDS — PANEL SECTION (1/2) — • Refer to page 15 for Circuit Boards Location and page 22 for Common Note on Printed Wiring Boards.**



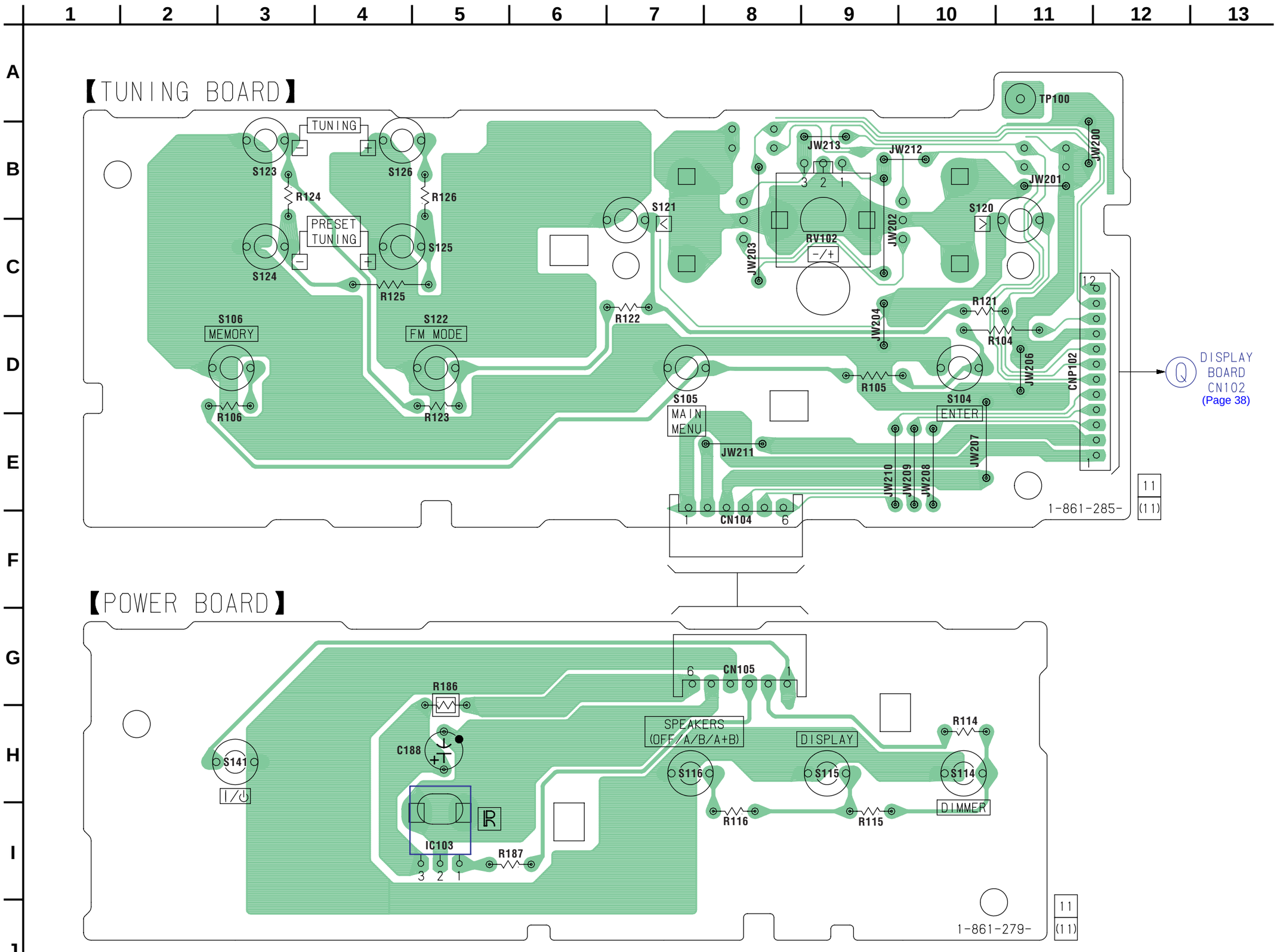

• **Semiconductor Location**

| Ref. No. | Location | Ref. No. | Location |
|---|---|---|---|
| D101 | F-4 | IC2010 | A-5 |
| D103 | G-9 | | |
| D104 | G-10 | Q101 | E-5 |
| D105 | G-10 | Q103 | G-8 |
| D106 | G-11 | Q104 | G-10 |
| D108 | D-7 | Q105 | G-10 |
| D109 | D-6 | Q106 | G-11 |
| D110 | D-6 | Q108 | E-7 |
| D111 | D-5 | Q109 | E-6 |
| D112 | D-4 | Q110 | E-6 |
| D113 | D-4 | Q111 | E-5 |
| D114 | D-3 | Q112 | E-4 |
| D115 | D-2 | Q113 | E-4 |
| D116 | D-2 | Q114 | E-3 |
| | | Q115 | E-3 |
| IC100 | G-6 | Q116 | E-3 |

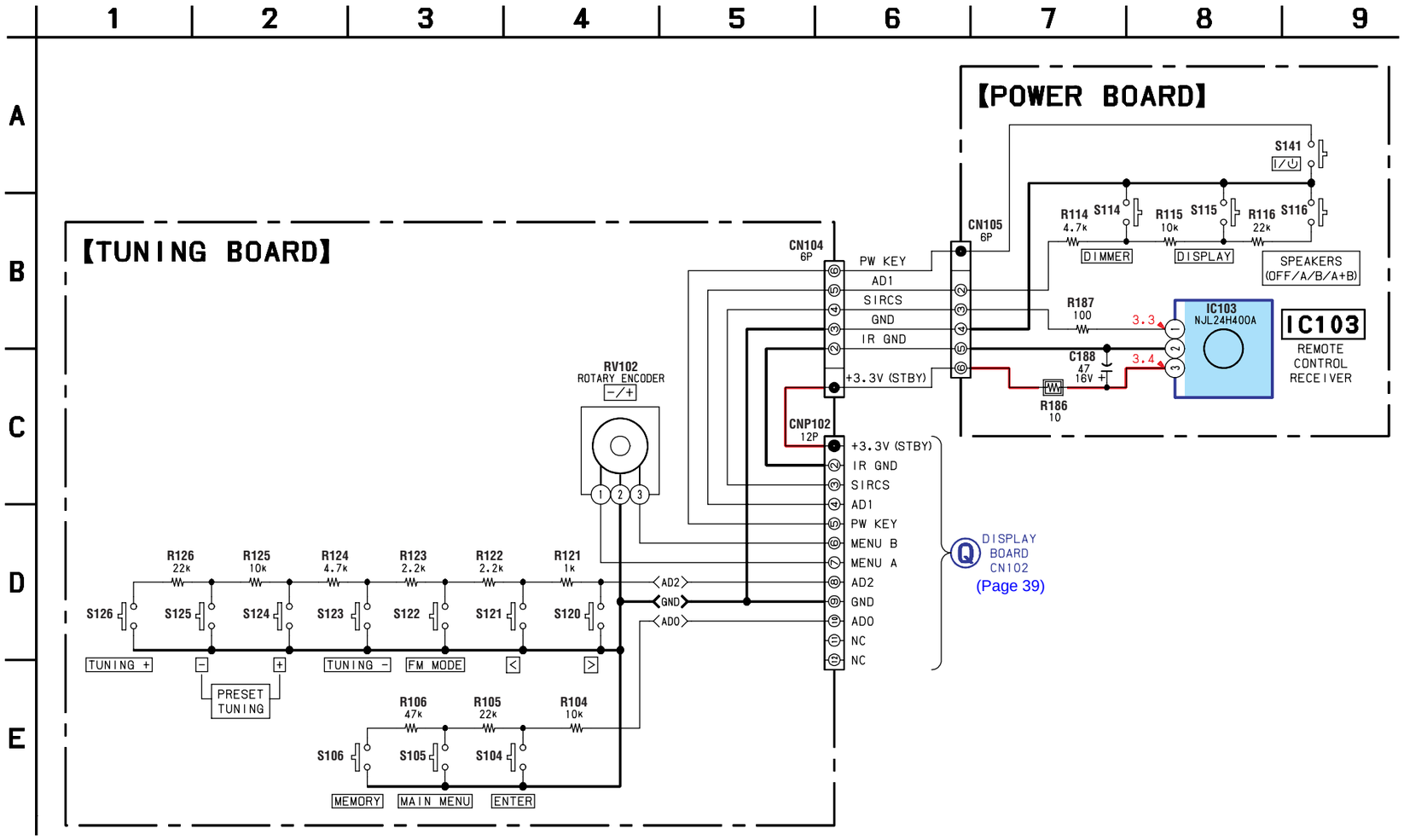
## 4-28. SCHEMATIC DIAGRAM — PANEL SECTION (1/2) — • Refer to page 22 for Common Note on Schematic Diagram and Waveform.



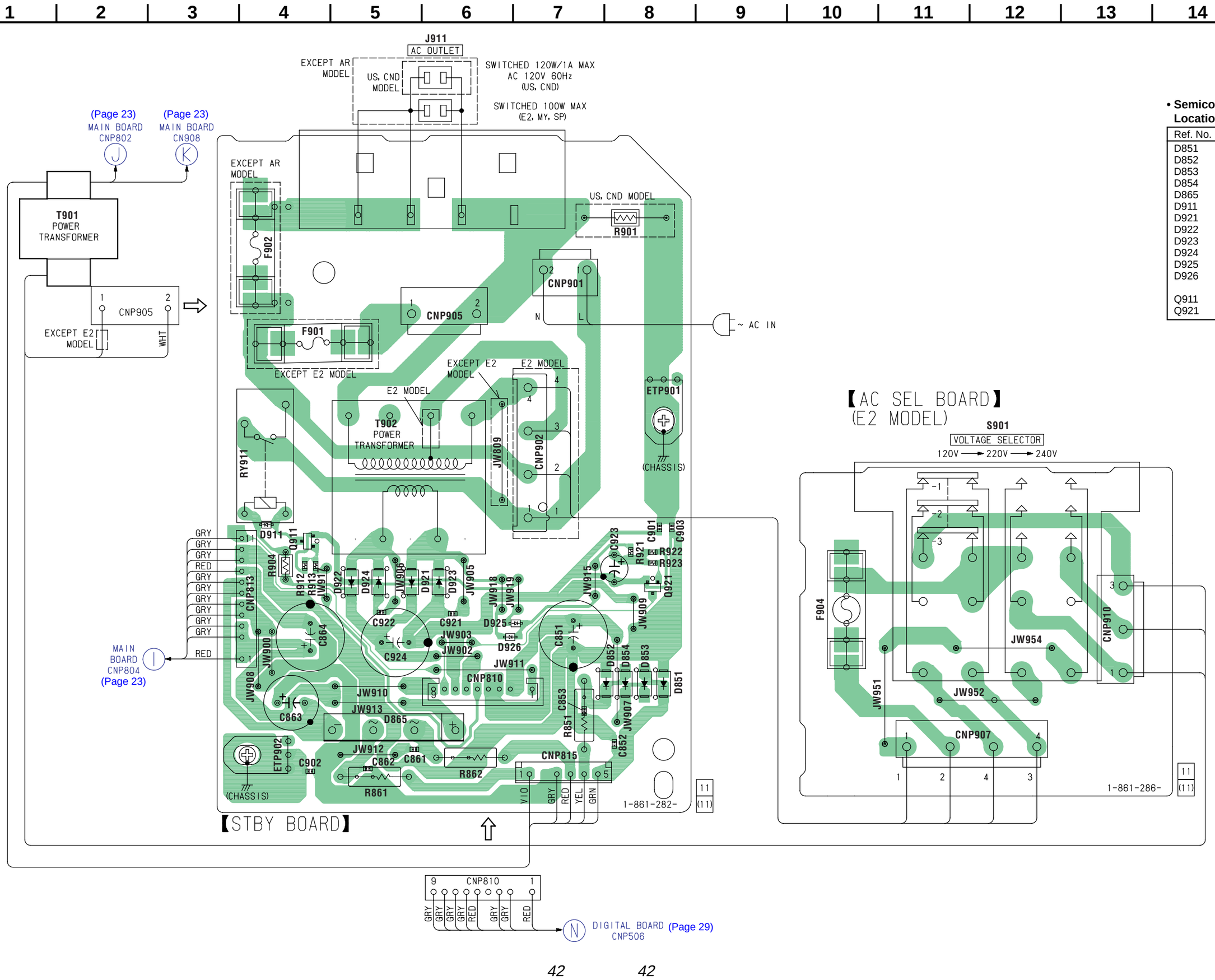
4-29. PRINTED WIRING BOARDS — PANEL SECTION (2/2) — • Refer to page 15 for Circuit Boards Location and page 22 for Common Note on Printed Wiring Boards.



4-30. SCHEMATIC DIAGRAM — PANEL SECTION (2/2) — • Refer to page 22 for Common Note on Schematic Diagram.



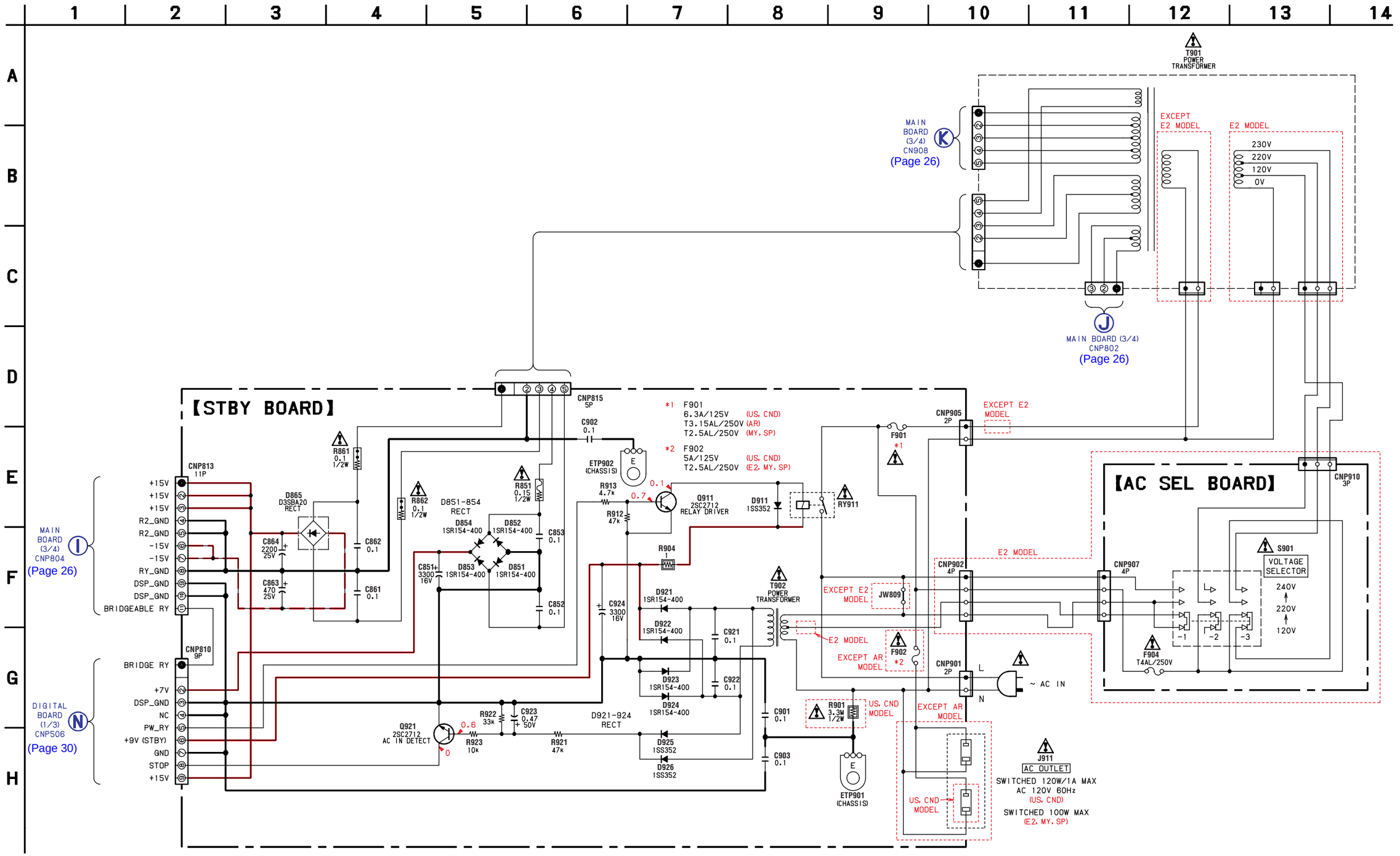
## 4-31. PRINTED WIRING BOARDS — POWER SECTION — • Refer to page 15 for Circuit Boards Location and page 22 for Common Note on Printed Wiring Boards.




• **Semiconductor Location**

| Ref. No. | Location |
|---|---|
| D851 | H-8 |
| D852 | G-8 |
| D853 | G-8 |
| D854 | G-8 |
| D865 | H-5 |
| D911 | F-4 |
| D921 | G-6 |
| D922 | G-5 |
| D923 | G-6 |
| D924 | G-5 |
| D925 | G-6 |
| D926 | G-6 |
| Q911 | F-4 |
| Q921 | G-8 |

## 4-32. SCHEMATIC DIAGRAM — POWER SECTION — • Refer to page 22 for Common Note on Schematic Diagram.

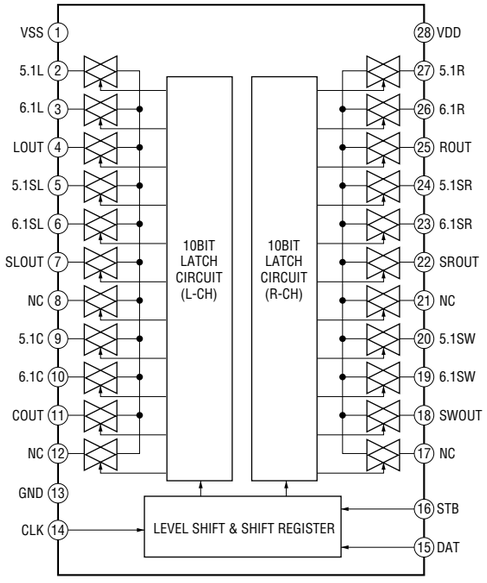



The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

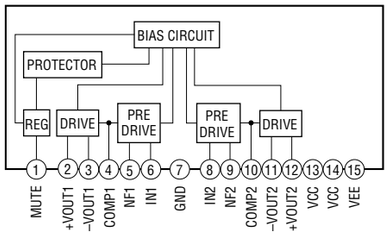
Les composants identifiés par une marque ⚠ sont critiques pour la sécurité.
Ne les remplacer que par une pièce portant le numéro spécifié.

## 4-33. IC BLOCK DIAGRAMS

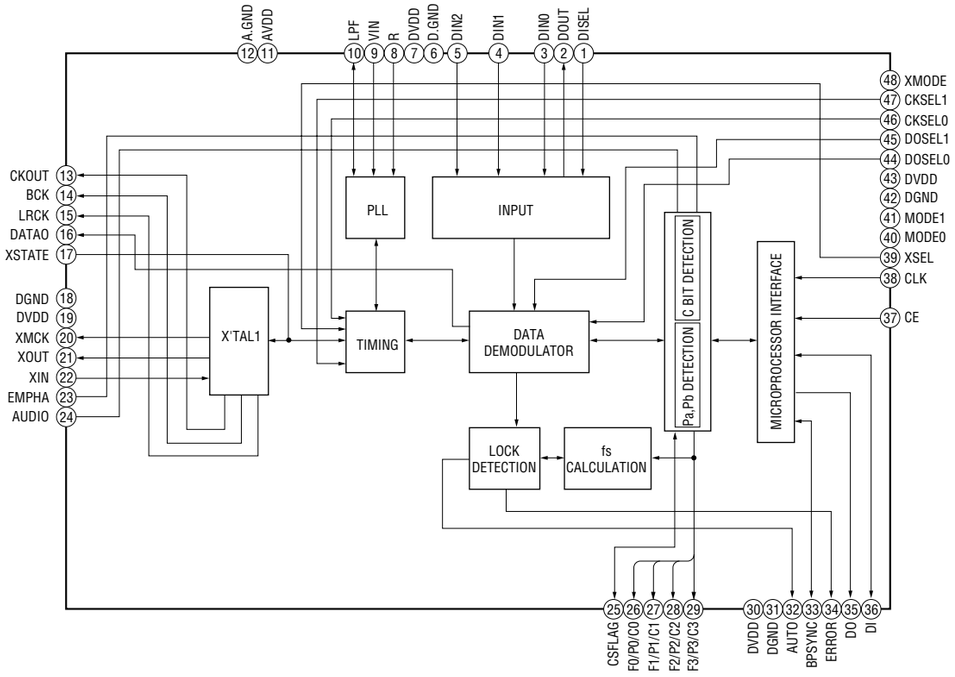
### IC402 TC9273N-011 (MAIN BOARD (1/4))



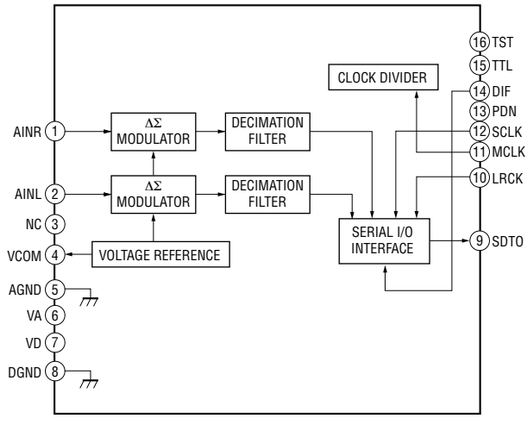

### IC400 μPC2581V-S (MAIN BOARD (2/4))
### IC500 μPC2581V-S (MAIN BOARD (2/4))
### IC600 μPC2581V-S (MAIN BOARD (4/4))
### IC700 μPC2581V-S (MAIN BOARD (4/4))



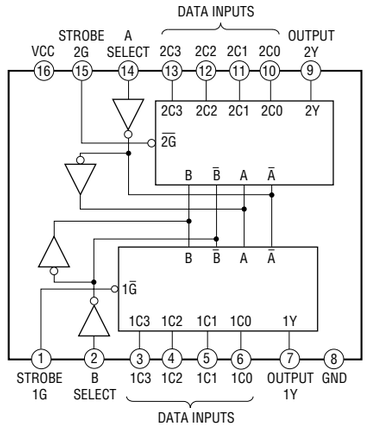

### IC1301 LC89056W-E (DIGITAL BOARD (1/3))



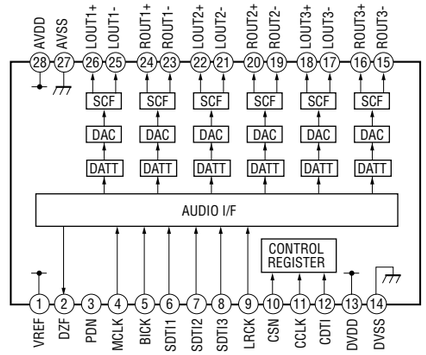

### IC1401 AK5380VT-E2 (DIGITAL BOARD (2/3))



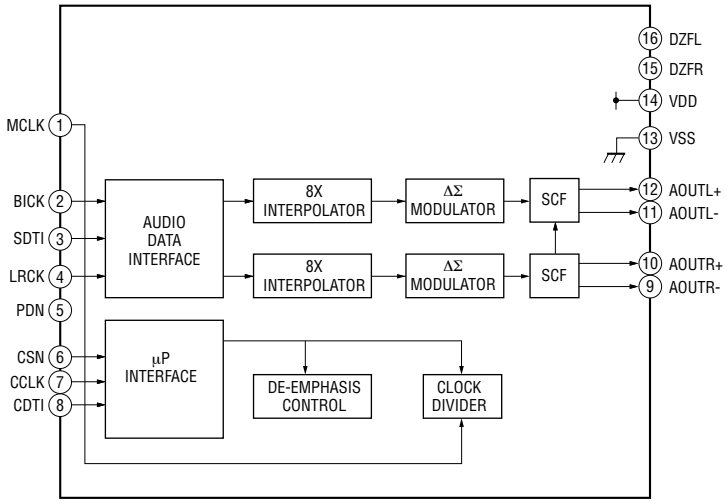

### IC1302 TC74ACT153F(EL) (DIGITAL BOARD (1/3))



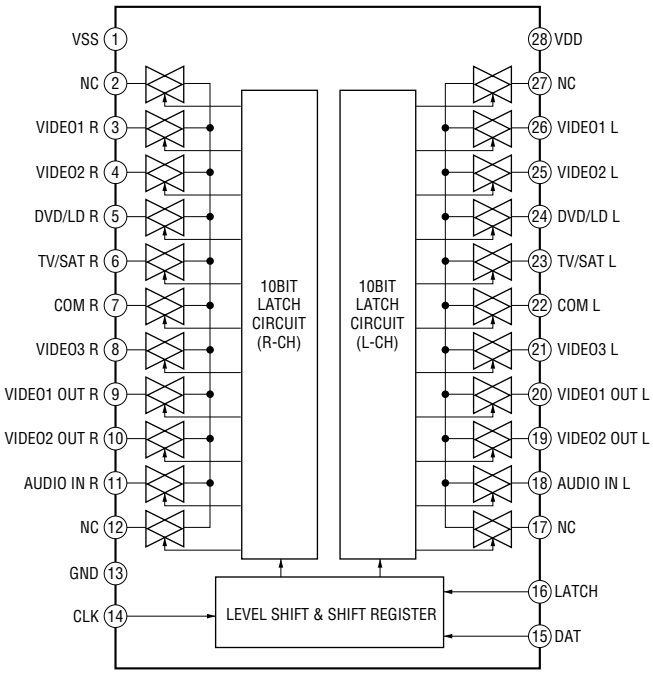

### IC1452 AK4355VF-E2 (DIGITAL BOARD (2/3))



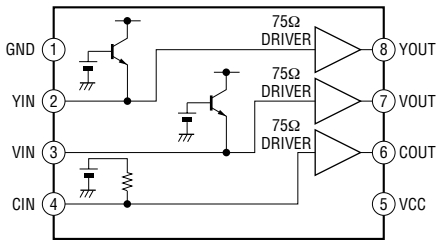
## IC1451 AK4381VT-E2 (DIGITAL BOARD (3/3))



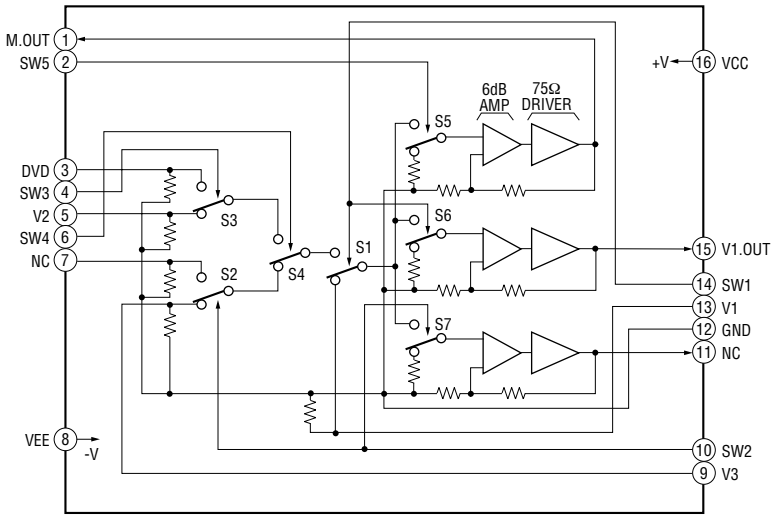

## IC2560 TC9273N-006 (VIDEO (AU) BOARD)



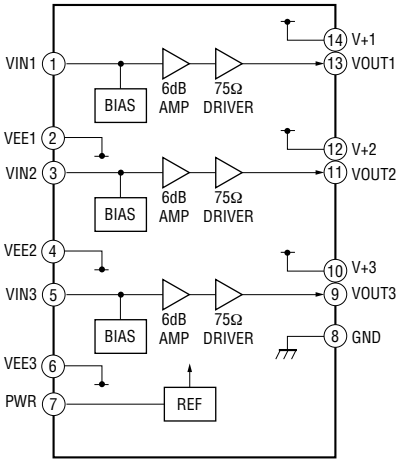
## IC2302 BA7622F-E2-A (VIDEO BOARD)



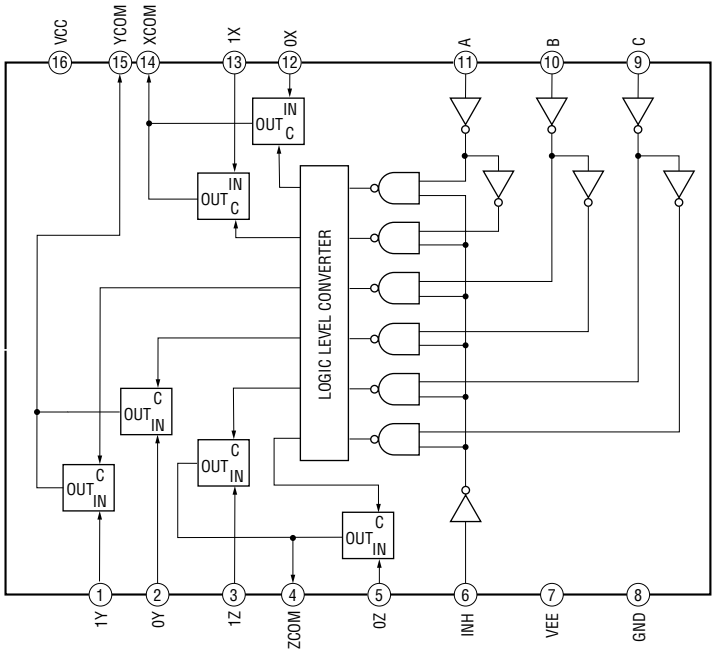

## IC2303 NJM2595D (VIDEO BOARD)
## IC2101 NJM2595D (S-VIDEO BOARD)
## IC2102 NJM2595D (S-VIDEO BOARD)



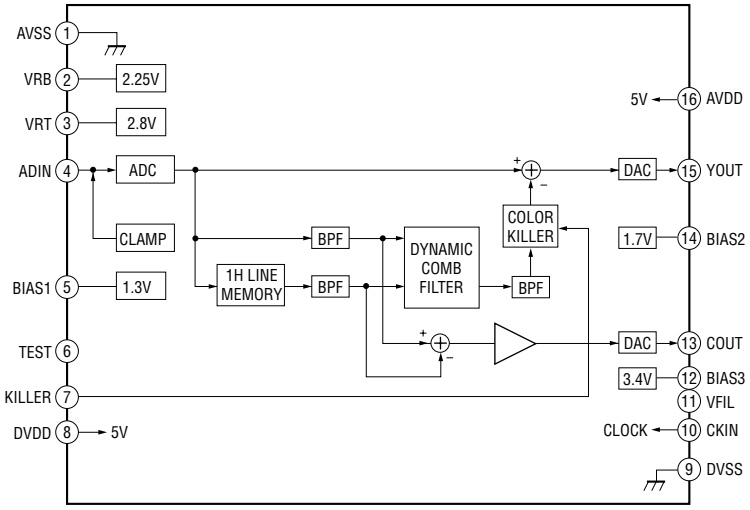
## IC2307 NJM2581D (VIDEO BOARD)



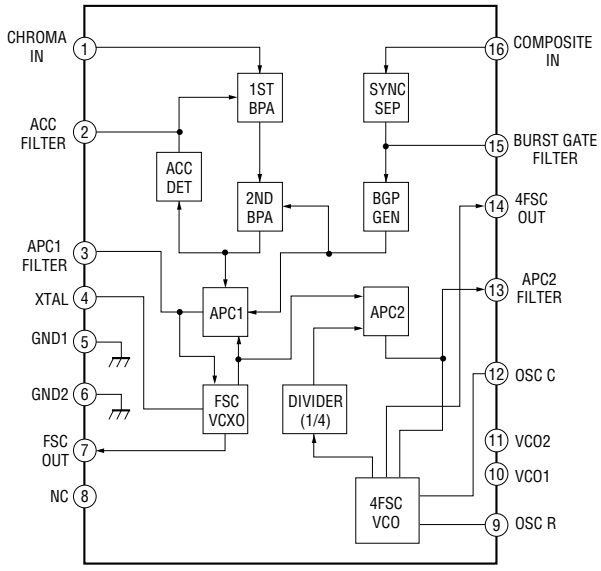

## IC2308 TC74HC4053AP (VIDEO BOARD)



## IC3100 TC90A45F (UP CONVERT BOARD) (US, Canadian model only)




## IC3101 MM1093NF (UP CONVERT BOARD) (US, Canadian model only)



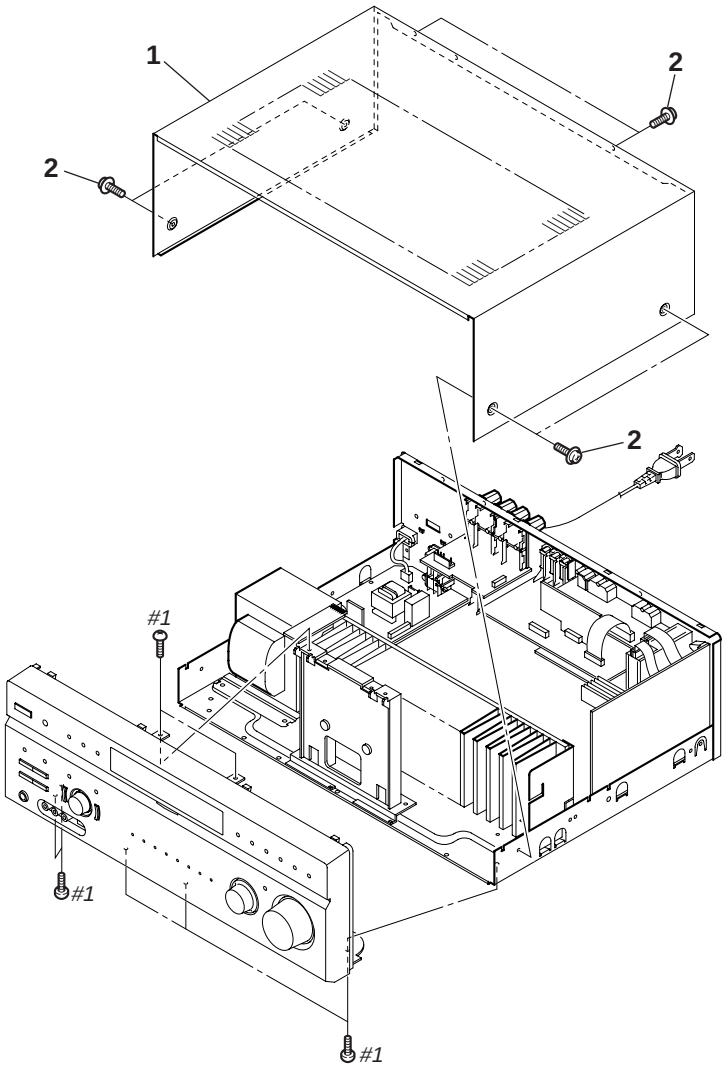
# SECTION 5
# EXPLODED VIEWS

NOTE:
- The mechanical parts with no reference number in the exploded views are not supplied.
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- Abbreviation
  CND : Canadian model
  E2 : AC 120 V area in E model
  AR : Argentina model
  MY : Malaysia model
  SP : Singapore model
- -XX and -X mean standardized parts, so they may have some difference from the original one.
- Color Indication of Appearance Parts
  Example :
  KNOB, BALANCE (WHITE) ... (RED)
  ↑ ↑
  Parts Color Cabinet's Color
- Accessories are given in the last of this parts list.

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

Les composants identifiés par une marque ⚠ sont critiques pour la sécurité.
Ne les remplacer que par une piéce portant le numéro spécifié.

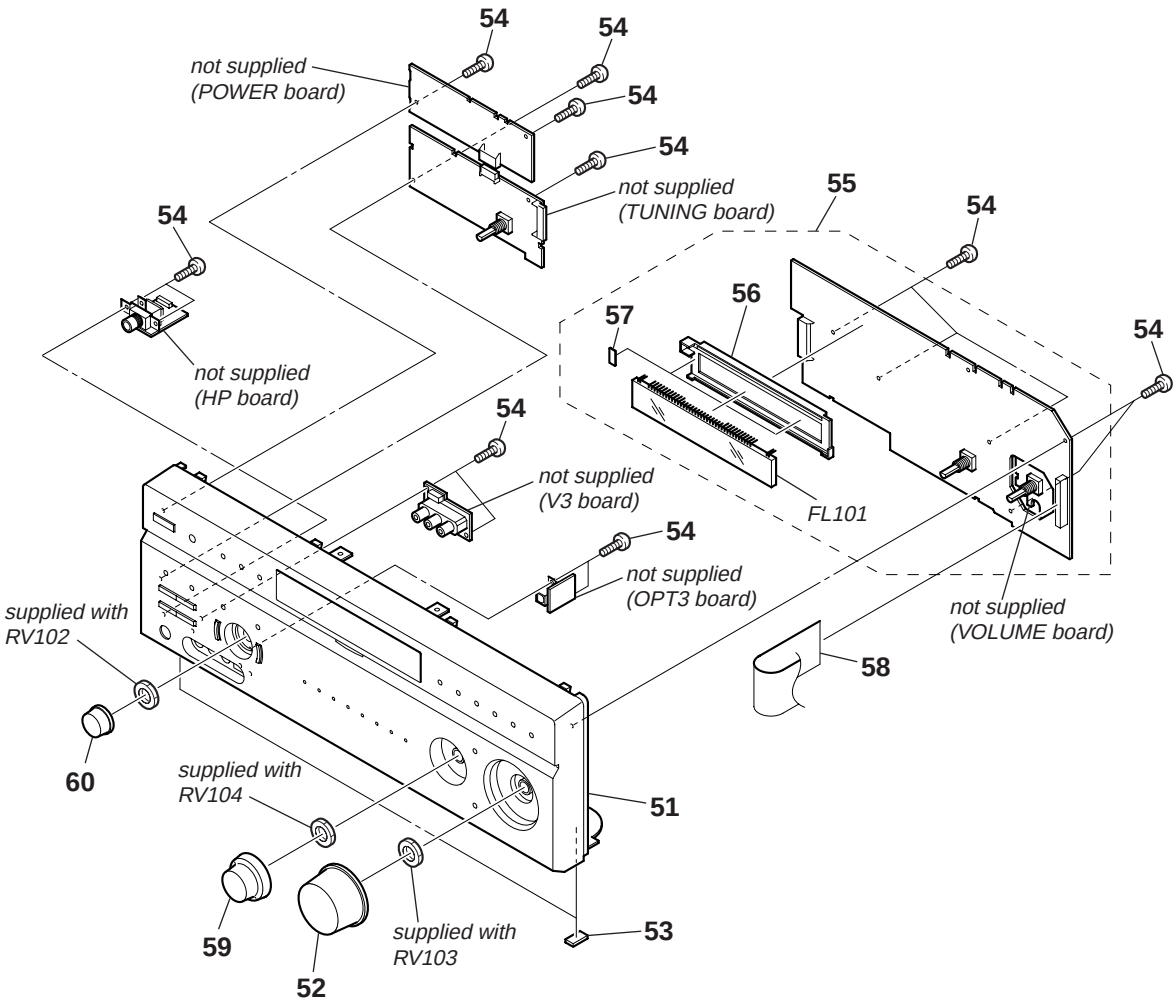
## 5-1. CASE SECTION




| Ref. No. | Part No. | Description | Remark |
|---|---|---|---|
| 1 | 4-246-009-02 | CASE (DE9) (BLACK)...(BLACK) | |
| 1 | 4-246-009-22 | CASE (DE9) (SILVER)...(SILVER) | |
| 1 | 4-246-009-41 | CASE (DE9) (GOLD)...(GOLD) | |
| 2 | 3-363-099-02 | SCREW (CASE 3 TP2) (BLACK)...(BLACK) | |
| 2 | 3-363-099-11 | SCREW (CASE 3 TP2) (SILVER)...(SILVER,GOLD) | |

| Ref. No. | Part No. | Description | Remark |
|---|---|---|---|
| #1 | 7-685-646-79 | SCREW +BVTP 3X8 TYPE2 IT-3 | |

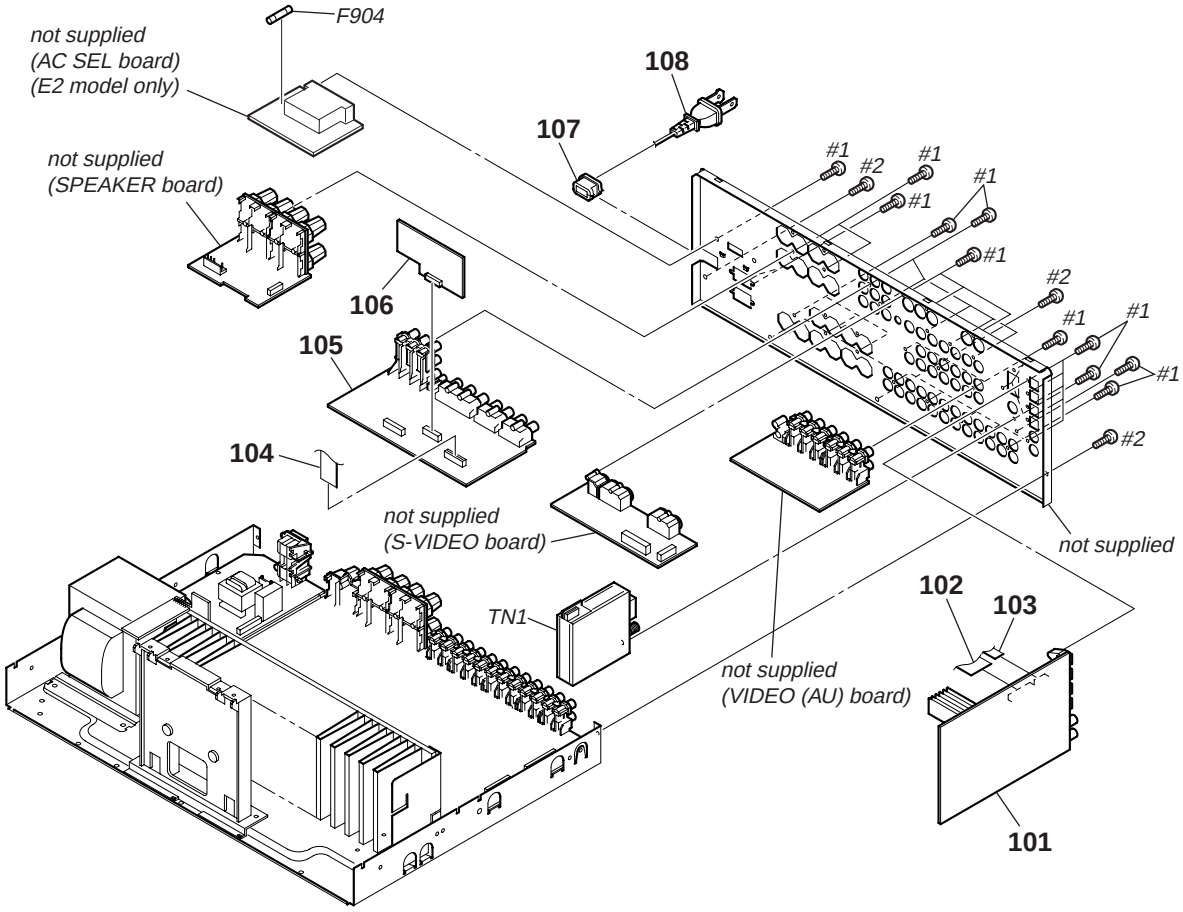
## 5-2. FRONT PANEL SECTION




| Ref. No. | Part No. | Description | Remark |
|---|---|---|---|
| 51 | X-2022-138-1 | FRONT PANEL ASSY (GOLD)...(GOLD) | (MY,SP) |
| 51 | X-4956-217-1 | FRONT PANEL ASSY (BLACK)...(BLACK) | (US) |
| 51 | X-4956-218-1 | FRONT PANEL ASSY (SILVER)...(SILVER) | (US) |
| 51 | X-4956-219-1 | FRONT PANEL ASSY (SILVER)...(SILVER) | (E2,AR) |
| 51 | X-4956-384-1 | FRONT PANEL ASSY (BLACK)...(BLACK) | (CND) |
| 52 | 4-232-113-01 | KNOB (VOL) (BLACK)...(BLACK) | |
| 52 | 4-232-113-12 | KNOB (VOL) (SILVER)...(SILVER) | |
| 52 | 4-232-113-22 | KNOB (VOL) (GOLD)...(GOLD) | |
| 53 | 4-977-358-01 | CUSHION | |
| 54 | 4-951-620-01 | SCREW (2.6X8), +BVTP | |
| 55 | A-4751-319-A | DISPLAY BOARD, COMPLETE | |

| Ref. No. | Part No. | Description | Remark |
|---|---|---|---|
| 56 | 4-244-786-01 | HOLDER, FL (DE9) | |
| * 57 | 4-955-901-01 | CUSHION (FL) | |
| 58 | 1-773-331-11 | WIRE (FLAT TYPE) (31 CORE) | |
| 59 | 4-252-931-01 | KNOB (FUNC) (BLACK)...(BLACK) | |
| 59 | 4-252-931-11 | KNOB (FUNC) (SILVER)...(SILVER) | |
| 59 | 4-252-931-21 | KNOB (FUNC) (GOLD)...(GOLD) | |
| 60 | 4-252-389-01 | KNOB (MENU) (BLACK)...(BLACK) | |
| 60 | 4-252-389-11 | KNOB (MENU) (SILVER)...(SILVER) | |
| 60 | 4-252-389-21 | KNOB (MENU) (GOLD)...(GOLD) | |
| FL101 | 1-518-969-11 | VACUUM FLUORESCENT DISPLAY | |

## 5-3. BACK PANEL SECTION

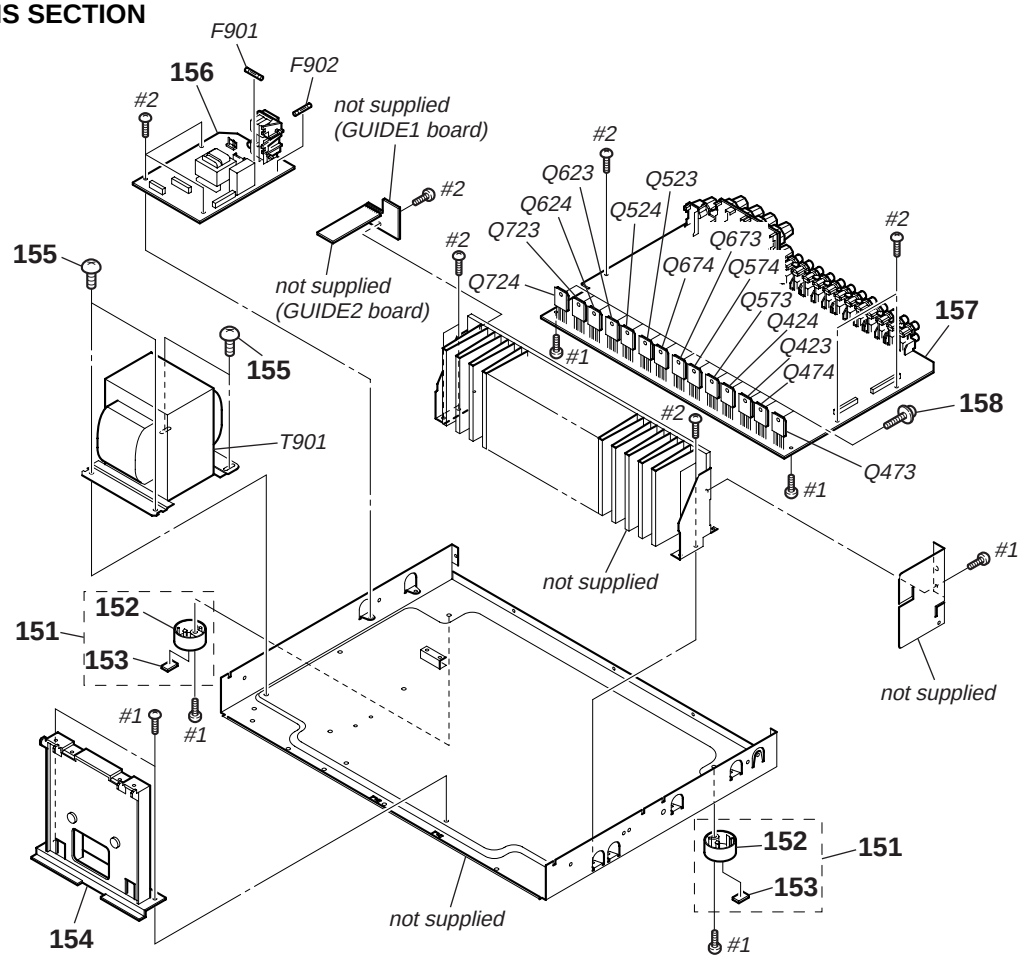



| | |
|---|---|
| The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.<br>Replace only with part number specified. | Les composants identifiés par une marque ⚠ sont critiques pour la sécurité.<br>Ne les remplacer que par une piéce portant le numéro spécifié. |

| Ref. No. | Part No. | Description | Remark |
|---|---|---|---|
| 101 | A-1062-915-A | DIGITAL BOARD, COMPLETE (MY,SP) | |
| 101 | A-4751-312-A | DIGITAL BOARD, COMPLETE (US,CND) | |
| 101 | A-4752-107-A | DIGITAL BOARD, COMPLETE (E2) | |
| 101 | A-4753-113-A | DIGITAL BOARD, COMPLETE (AR) | |
| 102 | 1-769-937-11 | WIRE (FLAT TYPE) (11 CORE) | |
| 103 | 1-769-907-11 | WIRE (FLAT TYPE) (9 CORE) | |
| 104 | 1-773-001-11 | WIRE (FLAT TYPE) (15 CORE) | |
| 105 | A-1060-737-A | VIDEO BOARD, COMPLETE (E2,AR,MY,SP) | |
| 105 | A-4751-326-A | VIDEO BOARD, COMPLETE (US,CND) | |
| 106 | A-4751-328-A | UP CONVERT BOARD, COMPLETE (US,CND) | |

| Ref. No. | Part No. | Description | Remark |
|---|---|---|---|
| * 107 | 3-703-244-00 | BUSHING (2104), CORD | |
| ⚠108 | 1-769-744-11 | CORD, POWER (E2) | |
| ⚠108 | 1-777-071-23 | CORD, POWER (MY,SP) | |
| ⚠108 | 1-783-820-11 | CORD, POWER (US,CND) | |
| ⚠108 | 1-783-941-12 | CORD, POWER (AR) | |
| ⚠F904 | 1-532-504-51 | FUSE (T4AL/250V) (E2) | |
| TN1 | 1-693-577-13 | TUNER PACK (ANTENNA) (EXCEPT MY,SP) | |
| TN1 | 1-693-580-21 | TUNER PACK (ANTENNA) (MY,SP) | |
| #1 | 7-685-646-79 | SCREW +BVTP 3X8 TYPE2 IT-3 | |
| #2 | 7-685-645-79 | SCREW +BVTP 3X6 TYPE2 IT-3 | |

## 5-4. CHASSIS SECTION




| | |
|---|---|
| The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.<br>Replace only with part number specified. | Les composants identifiés par une marque ⚠ sont critiques pour la sécurité.<br>Ne les remplacer que par une piéce portant le numéro spécifié. |

| Ref. No. | Part No. | Description | Remark |
|---|---|---|---|
| 151 | X-4953-448-1 | FOOT ASSY | |
| 152 | 4-232-237-01 | FOOT (DIA.30) | |
| 153 | 4-977-358-01 | CUSHION | |
| 154 | 4-233-263-01 | SUB MOLD (DE9) | |
| 155 | 4-249-675-01 | +BV SUMITITE S 4X6 ROUND | |
| 156 | A-1062-918-A | STBY BOARD, COMPLETE (MY,SP) | |
| 156 | A-4751-322-A | STBY BOARD, COMPLETE (US,CND) | |
| 156 | A-4752-105-A | STBY BOARD, COMPLETE (E2) | |
| 156 | A-4753-119-A | STBY BOARD, COMPLETE (AR) | |
| 157 | A-4751-314-A | MAIN BOARD, COMPLETE (US,CND,E2) | |
| 157 | A-4753-109-A | MAIN BOARD, COMPLETE (AR,MY,SP) | |
| 158 | 3-905-609-01 | SCREW (TRANSISTOR) | |
| ⚠F901 | 1-532-464-32 | FUSE (T2.5AL/250V) (MY,SP) | |
| ⚠F901 | 1-532-465-32 | FUSE (T3.15AL/250V) (AR) | |
| ⚠F901 | 1-576-193-11 | FUSE (6.3A/125V) (US,CND) | |
| ⚠F902 | 1-532-464-32 | FUSE (T2.5AL/250V) (E2,MY,SP) | |
| ⚠F902 | 1-533-453-12 | FUSE, GLASS TUBE (DIA.5) (5A/125V) | (US,CND) |
| Q423 | 8-729-051-92 | TRANSISTOR 2SD2560 (CND,E2,AR) | |
| Q423 | 8-749-010-25 | TRANSISTOR MN2488-OPY-M (US,MY,SP) | |
| Q424 | 8-729-051-93 | TRANSISTOR 2SB1647 (CND,E2,AR) | |
| Q424 | 8-749-010-26 | TRANSISTOR MP1620-OPY-M (US,MY,SP) | |
| Q473 | 8-729-051-92 | TRANSISTOR 2SD2560 (CND,E2,AR) | |
| Q473 | 8-749-010-25 | TRANSISTOR MN2488-OPY-M (US,MY,SP) | |
| Q474 | 8-729-051-93 | TRANSISTOR 2SB1647 (CND,E2,AR) | |
| Q474 | 8-749-010-26 | TRANSISTOR MP1620-OPY-M (US,MY,SP) | |
| Q523 | 8-729-051-92 | TRANSISTOR 2SD2560 (CND,E2,AR) | |
| Q523 | 8-749-010-25 | TRANSISTOR MN2488-OPY-M (US,MY,SP) | |
| Q524 | 8-729-051-93 | TRANSISTOR 2SB1647 (CND,E2,AR) | |
| Q524 | 8-749-010-26 | TRANSISTOR MP1620-OPY-M (US,MY,SP) | |
| Q573 | 8-729-051-92 | TRANSISTOR 2SD2560 (CND,E2,AR) | |
| Q573 | 8-749-010-25 | TRANSISTOR MN2488-OPY-M (US,MY,SP) | |
| Q574 | 8-729-051-93 | TRANSISTOR 2SB1647 (CND,E2,AR) | |
| Q574 | 8-749-010-26 | TRANSISTOR MP1620-OPY-M (US,MY,SP) | |
| Q623 | 8-729-051-92 | TRANSISTOR 2SD2560 (CND,E2,AR) | |
| Q623 | 8-749-010-25 | TRANSISTOR MN2488-OPY-M (US,MY,SP) | |
| Q624 | 8-729-051-93 | TRANSISTOR 2SB1647 (CND,E2,AR) | |
| Q624 | 8-749-010-26 | TRANSISTOR MP1620-OPY-M (US,MY,SP) | |
| Q673 | 8-729-051-92 | TRANSISTOR 2SD2560 (CND,E2,AR) | |
| Q673 | 8-749-010-25 | TRANSISTOR MN2488-OPY-M (US,MY,SP) | |
| Q674 | 8-729-051-93 | TRANSISTOR 2SB1647 (CND,E2,AR) | |
| Q674 | 8-749-010-26 | TRANSISTOR MP1620-OPY-M (US,MY,SP) | |
| Q723 | 8-729-051-92 | TRANSISTOR 2SD2560 (CND,E2,AR) | |
| Q723 | 8-749-010-25 | TRANSISTOR MN2488-OPY-M (US,MY,SP) | |
| Q724 | 8-729-051-93 | TRANSISTOR 2SB1647 (CND,E2,AR) | |
| Q724 | 8-749-010-26 | TRANSISTOR MP1620-OPY-M (US,MY,SP) | |
| ⚠T901 | 1-439-586-12 | TRANSFORMER, POWER (US,CND) | |
| ⚠T901 | 1-439-589-12 | TRANSFORMER, POWER (E2) | |
| ⚠T901 | 1-443-264-11 | TRANSFORMER, POWER (AR) | |
| ⚠T901 | 1-443-404-11 | TRANSFORMER, POWER (MY,SP) | |
| #1 | 7-685-646-79 | SCREW +BVTP 3X8 TYPE2 IT-3 | |
| #2 | 7-685-645-79 | SCREW +BVTP 3X6 TYPE2 IT-3 | |

# SECTION 6
# ELECTRICAL PARTS LIST

AC SEL | DIGITAL

NOTE:
- Due to standardization, replacements in the parts list may be different from the parts specified in the diagrams or the components used on the set.
- -XX and -X mean standardized parts, so they may have some difference from the original one.
- RESISTORS
  All resistors are in ohms.
  METAL:Metal-film resistor.
  METAL OXIDE: Metal oxide-film resistor.
  F:nonflammable
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- SEMICONDUCTORS
  In each case, u : µ, for example:
  uA.. : µA.. uPA.. : µPA..
  uPB.. : µPB.. uPC.. : µPC.. uPD.. : µPD..
- CAPACITORS
  uF : µF
- COILS
  uH : µH
- Abbreviation
  CND : Canadian model
  E2 : AC 120 V area in E model
  AR : Argentina model
  MY : Malaysia model
  SP : Singapore model

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

Les composants identifiés par une marque ⚠ sont critiques pour la sécurité.
Ne les remplacer que par une piéce portant le numéro spécifié.

When indicating parts by reference number, please include the board.

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| | | AC SEL BOARD (E2) | | | |
| | | ********** | | | |
| | 1-533-217-41 | HOLDER, FUSE (E2) | | | |
| | | < CONNECTOR > | | | |
| CNP907 | 1-568-106-11 | PIN, CONNECTOR (3.96mm PITCH) 4P (E2) | | | |
| * CNP910 | 1-564-687-11 | PIN, CONNECTOR (3.96mm PITCH) 3P (E2) | | | |
| | | < SWITCH > | | | |
| ⚠S901 | 1-571-437-21 | SWITCH, POWER VOLTAGE CHANGE (VOLTAGE SELECTOR) (E2) | | | |
| ********** | | | | | |
| | A-1062-915-A | DIGITAL BOARD, COMPLETE (MY,SP) | | | |
| | A-4751-312-A | DIGITAL BOARD, COMPLETE (US,CND) | | | |
| | A-4752-107-A | DIGITAL BOARD, COMPLETE (E2) | | | |
| | A-4753-113-A | DIGITAL BOARD, COMPLETE (AR) | | | |
| | | ********** | | | |
| | 7-685-646-79 | SCREW +BVTP 3X8 TYPE2 IT-3 | | | |
| | | < CAPACITOR > | | | |
| C1001 | 1-126-925-11 | ELECT | 470uF | 20% | 10V |
| C1002 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1003 | 1-162-966-11 | CERAMIC CHIP | 0.0022uF | 10% | 50V |
| C1004 | 1-162-966-11 | CERAMIC CHIP | 0.0022uF | 10% | 50V |
| C1021 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1022 | 1-126-925-11 | ELECT | 470uF | 20% | 10V |
| C1031 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1032 | 1-126-925-11 | ELECT | 470uF | 20% | 10V |
| C1045 | 1-162-905-11 | CERAMIC CHIP | 1PF | 0.25PF | 50V |
| C1046 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1047 | 1-126-395-11 | ELECT CHIP | 22uF | 20% | 16V |
| C1100 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1102 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1103 | 1-126-204-11 | ELECT CHIP | 47uF | 20% | 16V |
| C1107 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1108 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1118 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1120 | 1-162-974-11 | CERAMIC CHIP | 0.01uF | | 50V |
| C1121 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1122 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1123 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1124 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1125 | 1-162-923-11 | CERAMIC CHIP | 47PF | 5% | 50V |

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| C1126 | 1-162-960-11 | CERAMIC CHIP | 220PF | 10% | 50V |
| C1127 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1128 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1129 | 1-162-974-11 | CERAMIC CHIP | 0.01uF | | 50V |
| C1130 | 1-162-974-11 | CERAMIC CHIP | 0.01uF | | 50V |
| C1131 | 1-162-974-11 | CERAMIC CHIP | 0.01uF | | 50V |
| C1132 | 1-162-974-11 | CERAMIC CHIP | 0.01uF | | 50V |
| C1135 | 1-162-974-11 | CERAMIC CHIP | 0.01uF | | 50V |
| C1136 | 1-162-974-11 | CERAMIC CHIP | 0.01uF | | 50V |
| C1137 | 1-162-970-11 | CERAMIC CHIP | 0.01uF | 10% | 25V |
| C1138 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1139 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1140 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1141 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1142 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1145 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1251 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1252 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1253 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1254 | 1-162-960-11 | CERAMIC CHIP | 220PF | 10% | 50V |
| C1255 | 1-162-960-11 | CERAMIC CHIP | 220PF | 10% | 50V |
| C1299 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1301 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1302 | 1-162-974-11 | CERAMIC CHIP | 0.01uF | | 50V |
| C1303 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1304 | 1-162-974-11 | CERAMIC CHIP | 0.01uF | | 50V |
| C1305 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1306 | 1-126-204-11 | ELECT CHIP | 47uF | 20% | 16V |
| C1308 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1309 | 1-162-918-11 | CERAMIC CHIP | 18PF | 5% | 50V |
| C1310 | 1-162-918-11 | CERAMIC CHIP | 18PF | 5% | 50V |
| C1312 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1313 | 1-162-927-11 | CERAMIC CHIP | 100PF | 5% | 50V |
| C1314 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1315 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1316 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1317 | 1-126-925-11 | ELECT | 470uF | 20% | 10V |
| C1351 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1352 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1353 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1354 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1355 | 1-126-395-11 | ELECT CHIP | 22uF | 20% | 16V |
| C1356 | 1-162-974-11 | CERAMIC CHIP | 0.01uF | | 50V |
| C1357 | 1-162-905-11 | CERAMIC CHIP | 1PF | 0.25PF | 50V |
| C1358 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| C1359 | 1-126-916-11 | ELECT | 1000uF | 20% | 6.3V |
| C1360 | 1-162-923-11 | CERAMIC CHIP | 47PF | 5% | 50V |
| C1361 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1362 | 1-162-974-11 | CERAMIC CHIP | 0.01uF | | 50V |
| C1401 | 1-124-261-00 | ELECT | 10uF | 20% | 50V |
| C1402 | 1-126-964-11 | ELECT | 10uF | 20% | 50V |
| C1403 | 1-126-925-11 | ELECT | 470uF | 20% | 10V |
| C1404 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1405 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1406 | 1-126-925-11 | ELECT | 470uF | 20% | 10V |
| C1407 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1408 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1411 | 1-162-967-11 | CERAMIC CHIP | 0.0033uF | 10% | 50V |
| C1412 | 1-162-962-11 | CERAMIC CHIP | 470PF | 10% | 50V |
| C1413 | 1-162-962-11 | CERAMIC CHIP | 470PF | 10% | 50V |
| C1416 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1417 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1418 | 1-126-964-11 | ELECT | 10uF | 20% | 50V |
| C1421 | 1-162-967-11 | CERAMIC CHIP | 0.0033uF | 10% | 50V |
| C1422 | 1-162-962-11 | CERAMIC CHIP | 470PF | 10% | 50V |
| C1423 | 1-162-962-11 | CERAMIC CHIP | 470PF | 10% | 50V |
| C1428 | 1-126-964-11 | ELECT | 10uF | 20% | 50V |
| C1431 | 1-162-967-11 | CERAMIC CHIP | 0.0033uF | 10% | 50V |
| C1432 | 1-162-962-11 | CERAMIC CHIP | 470PF | 10% | 50V |
| C1433 | 1-162-962-11 | CERAMIC CHIP | 470PF | 10% | 50V |
| C1438 | 1-126-964-11 | ELECT | 10uF | 20% | 50V |
| C1441 | 1-162-967-11 | CERAMIC CHIP | 0.0033uF | 10% | 50V |
| C1442 | 1-162-962-11 | CERAMIC CHIP | 470PF | 10% | 50V |
| C1443 | 1-162-962-11 | CERAMIC CHIP | 470PF | 10% | 50V |
| C1448 | 1-126-964-11 | ELECT | 10uF | 20% | 50V |
| C1450 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1451 | 1-162-967-11 | CERAMIC CHIP | 0.0033uF | 10% | 50V |
| C1452 | 1-162-962-11 | CERAMIC CHIP | 470PF | 10% | 50V |
| C1453 | 1-162-962-11 | CERAMIC CHIP | 470PF | 10% | 50V |
| C1454 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1455 | 1-124-779-00 | ELECT CHIP | 10uF | 20% | 16V |
| C1456 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1457 | 1-124-779-00 | ELECT CHIP | 10uF | 20% | 16V |
| C1458 | 1-126-964-11 | ELECT | 10uF | 20% | 50V |
| C1459 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1460 | 1-124-779-00 | ELECT CHIP | 10uF | 20% | 16V |
| C1461 | 1-162-967-11 | CERAMIC CHIP | 0.0033uF | 10% | 50V |
| C1462 | 1-162-962-11 | CERAMIC CHIP | 470PF | 10% | 50V |
| C1463 | 1-162-962-11 | CERAMIC CHIP | 470PF | 10% | 50V |
| C1468 | 1-126-964-11 | ELECT | 10uF | 20% | 50V |
| C1471 | 1-162-967-11 | CERAMIC CHIP | 0.0033uF | 10% | 50V |
| C1472 | 1-162-962-11 | CERAMIC CHIP | 470PF | 10% | 50V |
| C1473 | 1-162-962-11 | CERAMIC CHIP | 470PF | 10% | 50V |
| C1478 | 1-126-964-11 | ELECT | 10uF | 20% | 50V |
| C1481 | 1-162-967-11 | CERAMIC CHIP | 0.0033uF | 10% | 50V |
| C1482 | 1-162-962-11 | CERAMIC CHIP | 470PF | 10% | 50V |
| C1483 | 1-162-962-11 | CERAMIC CHIP | 470PF | 10% | 50V |
| C1487 | 1-162-966-11 | CERAMIC CHIP | 0.0022uF | 10% | 50V |
| C1488 | 1-126-964-11 | ELECT | 10uF | 20% | 50V |
| C1491 | 1-126-964-11 | ELECT | 10uF | 20% | 50V |
| C1494 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1495 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1496 | 1-124-779-00 | ELECT CHIP | 10uF | 20% | 16V |

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| C1501 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1502 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1503 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1504 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1505 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1506 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1507 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1508 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1509 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1510 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1511 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1513 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1514 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1515 | 1-126-925-11 | ELECT | 470uF | 20% | 10V |
| C1516 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1517 | 1-126-925-11 | ELECT | 470uF | 20% | 10V |
| C1518 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1519 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1520 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1521 | 1-162-920-11 | CERAMIC CHIP | 27PF | 5% | 50V |
| C1522 | 1-162-920-11 | CERAMIC CHIP | 27PF | 5% | 50V |
| C1525 | 1-126-925-11 | ELECT | 470uF | 20% | 10V |
| C1547 | 1-162-966-11 | CERAMIC CHIP | 0.0022uF | 10% | 50V |
| C1557 | 1-162-966-11 | CERAMIC CHIP | 0.0022uF | 10% | 50V |
| C1566 | 1-162-966-11 | CERAMIC CHIP | 0.0022uF | 10% | 50V |
| C1567 | 1-162-966-11 | CERAMIC CHIP | 0.0022uF | 10% | 50V |
| C1568 | 1-162-966-11 | CERAMIC CHIP | 0.0022uF | 10% | 50V |
| C1569 | 1-162-966-11 | CERAMIC CHIP | 0.0022uF | 10% | 50V |
| C1604 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1605 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1620 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1905 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1906 | 1-126-925-11 | ELECT | 470uF | 20% | 10V |
| C1908 | 1-126-925-11 | ELECT | 470uF | 20% | 10V |
| C1913 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C1914 | 1-126-204-11 | ELECT CHIP | 47uF | 20% | 16V |

< CONNECTOR >

| | | |
|---|---|---|
| CNP503 | 1-568-826-11 | CONNECTOR, FFC 7P |
| CNP506 | 1-779-799-11 | PIN, CONNECTOR 9P |
| CNP507 | 1-784-922-11 | PIN, CONNECTOR 5P |
| CNP510 | 1-784-923-11 | PIN, CONNECTOR 7P |
| CNS501 | 1-766-720-41 | CONNECTOR, BOARD TO BOARD 17P |
| CNS502 | 1-764-865-41 | CONNECTOR, BOARD TO BOARD 13P |
| CNS505 | 1-784-792-11 | CONNECTOR, FFC 31P |
| CNS508 | 1-569-060-11 | SOCKET, CONNECTOR 11P |
| CNS509 | 1-568-442-11 | SOCKET, CONNECTOR 9P |

< DIODE >

| | | |
|---|---|---|
| D1003 | 8-719-049-09 | DIODE 1SS367-T3SONY |
| D1004 | 8-719-049-09 | DIODE 1SS367-T3SONY |
| D1102 | 8-719-988-61 | DIODE 1SS355TE-17 |
| D1103 | 8-719-988-61 | DIODE 1SS355TE-17 |
| D1105 | 8-719-988-61 | DIODE 1SS355TE-17 |
| D1106 | 8-719-988-61 | DIODE 1SS355TE-17 |
| D1107 | 8-719-988-61 | DIODE 1SS355TE-17 |
| D1108 | 8-719-988-61 | DIODE 1SS355TE-17 |
| D1110 | 8-719-988-61 | DIODE 1SS355TE-17 |

| Ref. No. | Part No. | Description | Remark |
|---|---|---|---|
| D1111 | 8-719-988-61 | DIODE 1SS355TE-17 | |
| D1301 | 8-719-988-61 | DIODE 1SS355TE-17 | |
| D1302 | 8-719-016-74 | DIODE 1SS352 | |
| | | < FERRITE BEAD > | |
| FB1101 | 1-414-235-22 | INDUCTOR, FERRITE BEAD | |
| FB1103 | 1-414-235-22 | INDUCTOR, FERRITE BEAD | |
| FB1302 | 1-414-235-22 | INDUCTOR, FERRITE BEAD | |
| FB1305 | 1-414-235-22 | INDUCTOR, FERRITE BEAD | |
| FB1306 | 1-414-235-22 | INDUCTOR, FERRITE BEAD | |
| FB1307 | 1-414-235-22 | INDUCTOR, FERRITE BEAD | |
| FB1309 | 1-414-235-22 | INDUCTOR, FERRITE BEAD | |
| FB1405 | 1-414-235-22 | INDUCTOR, FERRITE BEAD | |
| FB1406 | 1-414-235-22 | INDUCTOR, FERRITE BEAD | |
| FB1451 | 1-414-235-22 | INDUCTOR, FERRITE BEAD | |
| FB1452 | 1-414-235-22 | INDUCTOR, FERRITE BEAD | |
| FB1453 | 1-414-235-22 | INDUCTOR, FERRITE BEAD | |
| FB1501 | 1-414-235-22 | INDUCTOR, FERRITE BEAD | |
| FB1502 | 1-414-235-22 | INDUCTOR, FERRITE BEAD | |
| FB1503 | 1-414-235-22 | INDUCTOR, FERRITE BEAD | |
| | | < IC > | |
| IC1001 | 8-759-231-53 | IC TA7805S | |
| IC1031 | 6-705-464-01 | IC BA50BC0T | |
| IC1101 | 6-803-872-01 | IC MB90478PF-G-172-BNDE1 | |
| IC1103 | 8-759-242-70 | IC TC7WU04F | |
| IC1111 | 6-702-913-01 | IC S-80929CNMC-G8ZT2G | |
| IC1131 | 6-704-004-01 | IC BR24L16F-WE2 | |
| IC1142 | 8-759-491-47 | IC TC74VHCT08AFT(EL) | |
| IC1301 | 8-759-825-15 | IC LC89056W-E | |
| IC1302 | 8-759-595-15 | IC TC74ACT153F(EL) | |
| IC1303 | 8-759-242-70 | IC TC7WU04F | |
| IC1351 | 6-600-014-01 | IC TORX141L (DIGITAL (ASSIGNABLE) TV/SAT IN (OPTICAL)) | |
| IC1352 | 6-600-014-01 | IC TORX141L (DIGITAL (ASSIGNABLE) MD/TAPE IN (OPTICAL)) | |
| IC1353 | 6-600-012-11 | IC TOTX141L(RED) (DIGITAL (ASSIGNABLE) MD/TAPE OUT (OPTICAL)) | |
| IC1354 | 6-600-014-01 | IC TORX141L (DIGITAL (ASSIGNABLE) SA-CD/CD IN (OPTICAL)) | |
| IC1401 | 6-702-527-01 | IC AK5380VT-E2 | |
| IC1402 | 8-759-710-97 | IC NJM4565M-D | |
| IC1403 | 8-759-710-97 | IC NJM4565M-D | |
| IC1404 | 8-759-710-97 | IC NJM4565M-D | |
| IC1405 | 8-759-710-97 | IC NJM4565M-D | |
| IC1406 | 8-759-710-97 | IC NJM4565M-D | |
| IC1451 | 6-703-704-01 | IC AK4381VT-E2 | |
| IC1452 | 6-703-564-01 | IC AK4355VF-E2 | |
| IC1501 | 6-702-047-01 | IC CXD9718Q | |
| IC1502 | 6-704-037-01 | IC IC61LV6416-15TG | |
| IC1503 | 8-759-546-74 | IC TC7WH157FU(TE12R) | |
| IC1504 | 8-759-546-74 | IC TC7WH157FU(TE12R) | |
| IC1901 | 6-701-887-02 | IC SI-3004KWF | |
| IC1902 | 8-759-231-57 | IC TA7810S | |
| IC1904 | 6-705-463-01 | IC BA33BC0T | |
| | | < JACK > | |
| J1301 | 1-818-314-11 | JACK, PIN 2P (DIGITAL (ASSIGNABLE) DVD IN (COAXIAL),SA-CD/CD IN (COAXIAL)) | |

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| | | < JUMPER RESISTOR > | | | |
| JR1002 | 1-211-950-11 | SHORT CHIP | 0 | | |
| JR1007 | 1-211-950-11 | SHORT CHIP | 0 | | |
| JR1008 | 1-211-950-11 | SHORT CHIP | 0 | | |
| JR1009 | 1-211-950-11 | SHORT CHIP | 0 | | |
| JR1010 | 1-211-950-11 | SHORT CHIP | 0 | | |
| JR1020 | 1-216-864-11 | SHORT CHIP | 0 | | |
| JR1202 | 1-216-864-11 | SHORT CHIP | 0 | | |
| JR1511 | 1-414-235-22 | INDUCTOR, FERRITE BEAD | | | |
| | | < TRANSISTOR > | | | |
| Q1102 | 8-729-230-49 | TRANSISTOR 2SC2712-YG | | | |
| Q1103 | 8-729-027-43 | TRANSISTOR DTC114EKA-T146 | | | |
| Q1104 | 8-729-230-49 | TRANSISTOR 2SC2712-YG | | | |
| Q1105 | 8-729-230-49 | TRANSISTOR 2SC2712-YG | | | |
| | | < RESISTOR > | | | |
| R1035 | 1-216-829-11 | METAL CHIP | 4.7K | 5% | 1/10W |
| R1039 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W |
| R1041 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R1042 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R1044 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R1049 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W |
| R1055 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R1056 | 1-216-854-11 | METAL CHIP | 560K | 5% | 1/10W |
| R1057 | 1-216-837-11 | METAL CHIP | 22K | 5% | 1/10W |
| R1060 | 1-216-821-11 | METAL CHIP | 1K | 5% | 1/10W |
| R1065 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R1066 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R1067 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R1068 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R1071 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W |
| R1072 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W |
| R1073 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W |
| R1075 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R1076 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R1077 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R1078 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R1083 | 1-216-841-11 | METAL CHIP | 47K | 5% | 1/10W |
| R1085 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R1086 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R1088 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W |
| R1094 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W |
| R1095 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W |
| R1096 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W |
| R1097 | 1-216-845-11 | METAL CHIP | 100K | 5% | 1/10W |
| R1098 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W |
| R1099 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W |
| R1101 | 1-216-829-11 | METAL CHIP | 4.7K | 5% | 1/10W |
| R1102 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R1103 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R1104 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R1105 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W |
| R1106 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R1107 | 1-216-829-11 | METAL CHIP | 4.7K | 5% | 1/10W |
| R1108 | 1-216-829-11 | METAL CHIP | 4.7K | 5% | 1/10W |
| R1109 | 1-216-829-11 | METAL CHIP | 4.7K | 5% | 1/10W |

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| R1110 | 1-216-829-11 | METAL CHIP | 4.7K | 5% | 1/10W |
| R1111 | 1-216-829-11 | METAL CHIP | 4.7K | 5% | 1/10W |
| R1112 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R1113 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R1114 | 1-216-829-11 | METAL CHIP | 4.7K | 5% | 1/10W |
| R1115 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R1117 | 1-216-821-11 | METAL CHIP | 1K | 5% | 1/10W |
| R1118 | 1-216-821-11 | METAL CHIP | 1K | 5% | 1/10W |
| R1119 | 1-216-821-11 | METAL CHIP | 1K | 5% | 1/10W |
| R1120 | 1-216-821-11 | METAL CHIP | 1K | 5% | 1/10W |
| R1121 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R1122 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R1123 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R1124 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R1127 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R1128 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R1129 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R1131 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W |
| R1132 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W |
| R1134 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R1135 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R1136 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R1137 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R1139 | 1-216-821-11 | METAL CHIP | 1K | 5% | 1/10W |
| R1140 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R1142 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R1143 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R1144 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R1145 | 1-216-829-11 | METAL CHIP | 4.7K | 5% | 1/10W |
| R1146 | 1-216-830-11 | METAL CHIP | 5.6K | 5% | 1/10W |
| R1147 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W |
| R1148 | 1-216-797-11 | METAL CHIP | 10 | 5% | 1/10W |
| R1149 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R1150 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R1151 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R1152 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R1153 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R1154 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R1155 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R1156 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R1158 | 1-216-827-11 | METAL CHIP | 3.3K | 5% | 1/10W |
| R1159 | 1-216-827-11 | METAL CHIP | 3.3K | 5% | 1/10W |
| R1160 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R1161 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R1162 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R1166 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R1167 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R1168 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R1169 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R1176 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W |
| R1177 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W |
| R1178 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W |
| R1179 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W |
| R1180 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W |
| R1181 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W |
| R1182 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W |
| R1185 | 1-216-845-11 | METAL CHIP | 100K | 5% | 1/10W |
| R1186 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W |

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| R1187 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W |
| R1189 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W |
| R1190 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W |
| R1191 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W |
| R1192 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W |
| R1193 | 1-216-837-11 | METAL CHIP | 22K | 5% | 1/10W (AR) |
| R1193 | 1-216-841-11 | METAL CHIP | 47K | 5% | 1/10W (E2,MY,SP) |
| R1194 | 1-216-829-11 | METAL CHIP | 4.7K | 5% | 1/10W (MY,SP) |
| R1194 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W (E2) |
| R1194 | 1-216-841-11 | METAL CHIP | 47K | 5% | 1/10W (AR) |
| R1194 | 1-216-864-11 | SHORT CHIP | 0 (US,CND) | | |
| R1195 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W |
| R1196 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W |
| R1201 | 1-216-837-11 | METAL CHIP | 22K | 5% | 1/10W |
| R1251 | 1-216-840-11 | METAL CHIP | 39K | 5% | 1/10W |
| R1252 | 1-216-840-11 | METAL CHIP | 39K | 5% | 1/10W |
| R1260 | 1-216-821-11 | METAL CHIP | 1K | 5% | 1/10W |
| R1261 | 1-216-821-11 | METAL CHIP | 1K | 5% | 1/10W |
| R1301 | 1-216-830-11 | METAL CHIP | 5.6K | 5% | 1/10W |
| R1302 | 1-216-829-11 | METAL CHIP | 4.7K | 5% | 1/10W |
| R1303 | 1-216-839-11 | METAL CHIP | 33K | 5% | 1/10W |
| R1304 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R1305 | 1-216-817-11 | METAL CHIP | 470 | 5% | 1/10W |
| R1306 | 1-216-801-11 | METAL CHIP | 22 | 5% | 1/10W |
| R1307 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R1308 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R1309 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R1310 | 1-216-857-11 | METAL CHIP | 1M | 5% | 1/10W |
| R1311 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R1312 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R1313 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R1314 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W |
| R1315 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R1316 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R1318 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W |
| R1351 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R1352 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R1353 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R1354 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R1355 | 1-218-285-11 | METAL CHIP | 75 | 5% | 1/10W |
| R1356 | 1-216-821-11 | METAL CHIP | 1K | 5% | 1/10W |
| R1357 | 1-216-837-11 | METAL CHIP | 22K | 5% | 1/10W |
| R1358 | 1-216-854-11 | METAL CHIP | 560K | 5% | 1/10W |
| R1359 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R1360 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R1362 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R1365 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R1366 | 1-218-285-11 | METAL CHIP | 75 | 5% | 1/10W |
| R1402 | 1-216-845-11 | METAL CHIP | 100K | 5% | 1/10W |
| R1403 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R1404 | 1-216-845-11 | METAL CHIP | 100K | 5% | 1/10W |
| R1405 | 1-216-825-11 | METAL CHIP | 2.2K | 5% | 1/10W |
| R1406 | 1-216-821-11 | METAL CHIP | 1K | 5% | 1/10W |
| R1407 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| R1408 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W |
| R1409 | 1-216-841-11 | METAL CHIP | 47K | 5% | 1/10W |
| R1410 | 1-216-828-11 | METAL CHIP | 3.9K | 5% | 1/10W |
| R1411 | 1-216-828-11 | METAL CHIP | 3.9K | 5% | 1/10W |
| R1412 | 1-216-829-11 | METAL CHIP | 4.7K | 5% | 1/10W |
| R1413 | 1-216-812-11 | METAL CHIP | 180 | 5% | 1/10W |
| R1414 | 1-216-812-11 | METAL CHIP | 180 | 5% | 1/10W |
| R1415 | 1-216-829-11 | METAL CHIP | 4.7K | 5% | 1/10W |
| R1416 | 1-216-821-11 | METAL CHIP | 1K | 5% | 1/10W |
| R1420 | 1-216-829-11 | METAL CHIP | 4.7K | 5% | 1/10W |
| R1421 | 1-216-829-11 | METAL CHIP | 4.7K | 5% | 1/10W |
| R1422 | 1-216-829-11 | METAL CHIP | 4.7K | 5% | 1/10W |
| R1423 | 1-216-812-11 | METAL CHIP | 180 | 5% | 1/10W |
| R1424 | 1-216-812-11 | METAL CHIP | 180 | 5% | 1/10W |
| R1425 | 1-216-829-11 | METAL CHIP | 4.7K | 5% | 1/10W |
| R1426 | 1-216-821-11 | METAL CHIP | 1K | 5% | 1/10W |
| R1430 | 1-216-829-11 | METAL CHIP | 4.7K | 5% | 1/10W |
| R1431 | 1-216-829-11 | METAL CHIP | 4.7K | 5% | 1/10W |
| R1432 | 1-216-829-11 | METAL CHIP | 4.7K | 5% | 1/10W |
| R1433 | 1-216-812-11 | METAL CHIP | 180 | 5% | 1/10W |
| R1434 | 1-216-812-11 | METAL CHIP | 180 | 5% | 1/10W |
| R1435 | 1-216-829-11 | METAL CHIP | 4.7K | 5% | 1/10W |
| R1436 | 1-216-821-11 | METAL CHIP | 1K | 5% | 1/10W |
| R1440 | 1-216-829-11 | METAL CHIP | 4.7K | 5% | 1/10W |
| R1441 | 1-216-829-11 | METAL CHIP | 4.7K | 5% | 1/10W |
| R1442 | 1-216-829-11 | METAL CHIP | 4.7K | 5% | 1/10W |
| R1443 | 1-216-812-11 | METAL CHIP | 180 | 5% | 1/10W |
| R1444 | 1-216-812-11 | METAL CHIP | 180 | 5% | 1/10W |
| R1445 | 1-216-829-11 | METAL CHIP | 4.7K | 5% | 1/10W |
| R1446 | 1-216-821-11 | METAL CHIP | 1K | 5% | 1/10W |
| R1450 | 1-216-828-11 | METAL CHIP | 3.9K | 5% | 1/10W |
| R1451 | 1-216-828-11 | METAL CHIP | 3.9K | 5% | 1/10W |
| R1452 | 1-216-829-11 | METAL CHIP | 4.7K | 5% | 1/10W |
| R1453 | 1-216-812-11 | METAL CHIP | 180 | 5% | 1/10W |
| R1454 | 1-216-812-11 | METAL CHIP | 180 | 5% | 1/10W |
| R1455 | 1-216-829-11 | METAL CHIP | 4.7K | 5% | 1/10W |
| R1456 | 1-216-821-11 | METAL CHIP | 1K | 5% | 1/10W |
| R1460 | 1-216-829-11 | METAL CHIP | 4.7K | 5% | 1/10W |
| R1461 | 1-216-829-11 | METAL CHIP | 4.7K | 5% | 1/10W |
| R1462 | 1-216-829-11 | METAL CHIP | 4.7K | 5% | 1/10W |
| R1463 | 1-216-812-11 | METAL CHIP | 180 | 5% | 1/10W |
| R1464 | 1-216-812-11 | METAL CHIP | 180 | 5% | 1/10W |
| R1465 | 1-216-829-11 | METAL CHIP | 4.7K | 5% | 1/10W |
| R1466 | 1-216-821-11 | METAL CHIP | 1K | 5% | 1/10W |
| R1470 | 1-216-829-11 | METAL CHIP | 4.7K | 5% | 1/10W |
| R1471 | 1-216-829-11 | METAL CHIP | 4.7K | 5% | 1/10W |
| R1472 | 1-216-829-11 | METAL CHIP | 4.7K | 5% | 1/10W |
| R1473 | 1-216-812-11 | METAL CHIP | 180 | 5% | 1/10W |
| R1474 | 1-216-812-11 | METAL CHIP | 180 | 5% | 1/10W |
| R1475 | 1-216-829-11 | METAL CHIP | 4.7K | 5% | 1/10W |
| R1476 | 1-216-821-11 | METAL CHIP | 1K | 5% | 1/10W |
| R1480 | 1-216-829-11 | METAL CHIP | 4.7K | 5% | 1/10W |
| R1481 | 1-216-829-11 | METAL CHIP | 4.7K | 5% | 1/10W |
| R1482 | 1-216-829-11 | METAL CHIP | 4.7K | 5% | 1/10W |
| R1483 | 1-216-812-11 | METAL CHIP | 180 | 5% | 1/10W |
| R1484 | 1-216-812-11 | METAL CHIP | 180 | 5% | 1/10W |
| R1485 | 1-216-829-11 | METAL CHIP | 4.7K | 5% | 1/10W |
| R1486 | 1-216-821-11 | METAL CHIP | 1K | 5% | 1/10W |

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| R1492 | 1-216-845-11 | METAL CHIP | 100K | 5% | 1/10W |
| R1493 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R1494 | 1-216-845-11 | METAL CHIP | 100K | 5% | 1/10W |
| R1501 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R1502 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R1503 | 1-216-813-11 | METAL CHIP | 220 | 5% | 1/10W |
| R1504 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R1505 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R1506 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R1507 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R1508 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R1509 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R1510 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R1511 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R1512 | 1-216-821-11 | METAL CHIP | 1K | 5% | 1/10W |
| R1513 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W |
| R1514 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W |
| R1515 | 1-216-857-11 | METAL CHIP | 1M | 5% | 1/10W |
| R1517 | 1-216-813-11 | METAL CHIP | 220 | 5% | 1/10W |
| R1518 | 1-216-813-11 | METAL CHIP | 220 | 5% | 1/10W |
| R1519 | 1-216-813-11 | METAL CHIP | 220 | 5% | 1/10W |
| R1520 | 1-216-813-11 | METAL CHIP | 220 | 5% | 1/10W |
| R1521 | 1-216-813-11 | METAL CHIP | 220 | 5% | 1/10W |
| R1522 | 1-216-813-11 | METAL CHIP | 220 | 5% | 1/10W |
| R1523 | 1-216-813-11 | METAL CHIP | 220 | 5% | 1/10W |
| R1525 | 1-216-813-11 | METAL CHIP | 220 | 5% | 1/10W |
| R1526 | 1-216-813-11 | METAL CHIP | 220 | 5% | 1/10W |
| R1527 | 1-216-813-11 | METAL CHIP | 220 | 5% | 1/10W |
| R1528 | 1-216-813-11 | METAL CHIP | 220 | 5% | 1/10W |
| R1532 | 1-216-813-11 | METAL CHIP | 220 | 5% | 1/10W |
| R1533 | 1-216-813-11 | METAL CHIP | 220 | 5% | 1/10W |
| R1534 | 1-216-813-11 | METAL CHIP | 220 | 5% | 1/10W |
| R1535 | 1-216-813-11 | METAL CHIP | 220 | 5% | 1/10W |
| R1536 | 1-216-813-11 | METAL CHIP | 220 | 5% | 1/10W |
| R1537 | 1-216-813-11 | METAL CHIP | 220 | 5% | 1/10W |
| R1538 | 1-216-813-11 | METAL CHIP | 220 | 5% | 1/10W |
| R1539 | 1-216-813-11 | METAL CHIP | 220 | 5% | 1/10W |
| R1540 | 1-216-813-11 | METAL CHIP | 220 | 5% | 1/10W |
| R1541 | 1-216-813-11 | METAL CHIP | 220 | 5% | 1/10W |
| R1542 | 1-216-813-11 | METAL CHIP | 220 | 5% | 1/10W |
| R1543 | 1-216-813-11 | METAL CHIP | 220 | 5% | 1/10W |
| R1544 | 1-216-813-11 | METAL CHIP | 220 | 5% | 1/10W |
| R1545 | 1-216-813-11 | METAL CHIP | 220 | 5% | 1/10W |
| R1546 | 1-216-813-11 | METAL CHIP | 220 | 5% | 1/10W |
| R1547 | 1-216-813-11 | METAL CHIP | 220 | 5% | 1/10W |
| R1548 | 1-216-813-11 | METAL CHIP | 220 | 5% | 1/10W |
| R1549 | 1-216-813-11 | METAL CHIP | 220 | 5% | 1/10W |
| R1550 | 1-216-813-11 | METAL CHIP | 220 | 5% | 1/10W |
| R1551 | 1-216-813-11 | METAL CHIP | 220 | 5% | 1/10W |
| R1552 | 1-216-813-11 | METAL CHIP | 220 | 5% | 1/10W |
| R1553 | 1-216-813-11 | METAL CHIP | 220 | 5% | 1/10W |
| R1554 | 1-216-813-11 | METAL CHIP | 220 | 5% | 1/10W |
| R1555 | 1-216-813-11 | METAL CHIP | 220 | 5% | 1/10W |
| R1556 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R1570 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W |
| R1571 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W |
| R1572 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W |
| R1573 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W |

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| R1574 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W |
| R1635 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W |
| R1636 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W |
| | | < VIBRATOR > | | | |
| X1101 | 1-767-922-11 | VIBRATOR, CERAMIC (16MHz) | | | |
| X1301 | 1-795-126-21 | VIBRATOR, CRYSTAL (12.288MHz) | | | |
| X1502 | 1-579-993-21 | VIBRATOR, CERAMIC (13.5MHz) | | | |
| ********** | | | | | |
| | A-4751-319-A | DISPLAY BOARD, COMPLETE | | | |
| | | ********** | | | |
| | 4-244-786-01 | HOLDER, FL (DE9) | | | |
| * | 4-955-901-01 | CUSHION (FL) | | | |
| | | < CAPACITOR > | | | |
| C105 | 1-164-159-11 | CERAMIC | 0.1uF | | 50V |
| C161 | 1-164-159-11 | CERAMIC | 0.1uF | | 50V |
| C181 | 1-128-825-11 | CERAMIC | 0.0022uF | 5% | 50V |
| C182 | 1-128-825-11 | CERAMIC | 0.0022uF | 5% | 50V |
| C184 | 1-128-809-11 | CERAMIC | 100PF | 5% | 50V |
| C185 | 1-128-809-11 | CERAMIC | 100PF | 5% | 50V |
| C192 | 1-126-964-11 | ELECT | 10uF | 20% | 50V |
| C193 | 1-164-159-11 | CERAMIC | 0.1uF | | 50V |
| C194 | 1-164-159-11 | CERAMIC | 0.1uF | | 50V |
| C195 | 1-126-964-11 | ELECT | 10uF | 20% | 50V |
| | | < CONNECTOR > | | | |
| CN102 | 1-568-672-11 | CONNECTOR, BOARD TO BOARD 12P | | | |
| CNS101 | 1-784-792-11 | CONNECTOR, FFC 31P | | | |
| | | < DIODE > | | | |
| D101 | 6-500-647-01 | LED SEL5E20C-STP15 (MULTI CHANNEL DECODING) | | | |
| D103 | 8-719-061-96 | LED SLR-325DCT31 (2CH) | | | |
| D104 | 8-719-061-96 | LED SLR-325DCT31 (A.F.D.) | | | |
| D105 | 8-719-061-96 | LED SLR-325DCT31 (MOVIE) | | | |
| D106 | 8-719-061-96 | LED SLR-325DCT31 (MUSIC) | | | |
| D108 | 8-719-061-96 | LED SLR-325DCT31 (PHONO) | | | |
| D109 | 8-719-061-96 | LED SLR-325DCT31 (TUNER FM/AM) | | | |
| D110 | 8-719-061-96 | LED SLR-325DCT31 (SA-CD/CD) | | | |
| D111 | 8-719-061-96 | LED SLR-325DCT31 (MD/TAPE) | | | |
| D112 | 8-719-061-96 | LED SLR-325DCT31 (TV/SAT) | | | |
| D113 | 8-719-061-96 | LED SLR-325DCT31 (DVD) | | | |
| D114 | 8-719-061-96 | LED SLR-325DCT31 (VIDEO 3) | | | |
| D115 | 8-719-061-96 | LED SLR-325DCT31 (VIDEO 2) | | | |
| D116 | 8-719-061-96 | LED SLR-325DCT31 (VIDEO 1) | | | |
| | | < VACUUM FLUORESCENT DISPLAY > | | | |
| FL101 | 1-518-969-11 | VACUUM FLUORESCENT DISPLAY | | | |
| | | < IC > | | | |
| IC100 | 6-804-183-01 | IC 86CK74AFG-5DC1 | | | |
| | | < TRANSISTOR > | | | |
| Q101 | 8-729-029-86 | TRANSISTOR DTC124ESA | | | |
| Q103 | 8-729-029-86 | TRANSISTOR DTC124ESA | | | |
| Q104 | 8-729-029-86 | TRANSISTOR DTC124ESA | | | |

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| Q105 | 8-729-029-86 | TRANSISTOR DTC124ESA | | | |
| Q106 | 8-729-029-86 | TRANSISTOR DTC124ESA | | | |
| Q108 | 8-729-029-86 | TRANSISTOR DTC124ESA | | | |
| Q109 | 8-729-029-86 | TRANSISTOR DTC124ESA | | | |
| Q110 | 8-729-029-86 | TRANSISTOR DTC124ESA | | | |
| Q111 | 8-729-029-86 | TRANSISTOR DTC124ESA | | | |
| Q112 | 8-729-029-86 | TRANSISTOR DTC124ESA | | | |
| Q113 | 8-729-029-86 | TRANSISTOR DTC124ESA | | | |
| Q114 | 8-729-029-86 | TRANSISTOR DTC124ESA | | | |
| Q115 | 8-729-029-86 | TRANSISTOR DTC124ESA | | | |
| Q116 | 8-729-029-86 | TRANSISTOR DTC124ESA | | | |
| | | < RESISTOR > | | | |
| R101 | 1-247-831-11 | CARBON | 1K | 5% | 1/4W |
| R102 | 1-249-421-11 | CARBON | 2.2K | 5% | 1/4W |
| R103 | 1-247-847-11 | CARBON | 4.7K | 5% | 1/4W |
| R107 | 1-249-421-11 | CARBON | 2.2K | 5% | 1/4W |
| R111 | 1-247-831-11 | CARBON | 1K | 5% | 1/4W |
| R112 | 1-249-421-11 | CARBON | 2.2K | 5% | 1/4W |
| R113 | 1-249-421-11 | CARBON | 2.2K | 5% | 1/4W |
| R143 | 1-249-409-11 | CARBON | 220 | 5% | 1/4W |
| R144 | 1-249-409-11 | CARBON | 220 | 5% | 1/4W |
| R145 | 1-249-409-11 | CARBON | 220 | 5% | 1/4W |
| R146 | 1-249-409-11 | CARBON | 220 | 5% | 1/4W |
| R148 | 1-249-409-11 | CARBON | 220 | 5% | 1/4W |
| R149 | 1-249-409-11 | CARBON | 220 | 5% | 1/4W |
| R150 | 1-249-409-11 | CARBON | 220 | 5% | 1/4W |
| R151 | 1-249-409-11 | CARBON | 220 | 5% | 1/4W |
| R152 | 1-249-409-11 | CARBON | 220 | 5% | 1/4W |
| R153 | 1-249-409-11 | CARBON | 220 | 5% | 1/4W |
| R154 | 1-249-409-11 | CARBON | 220 | 5% | 1/4W |
| R155 | 1-249-409-11 | CARBON | 220 | 5% | 1/4W |
| R156 | 1-249-409-11 | CARBON | 220 | 5% | 1/4W |
| R157 | 1-247-903-00 | CARBON | 1M | 5% | 1/4W |
| R161 | 1-249-403-11 | CARBON | 68 | 5% | 1/4W |
| R162 | 1-249-429-11 | CARBON | 10K | 5% | 1/4W |
| R170 | 1-247-879-11 | CARBON | 100K | 5% | 1/4W |
| R171 | 1-247-879-11 | CARBON | 100K | 5% | 1/4W |
| R172 | 1-247-879-11 | CARBON | 100K | 5% | 1/4W |
| R173 | 1-247-879-11 | CARBON | 100K | 5% | 1/4W |
| R174 | 1-247-879-11 | CARBON | 100K | 5% | 1/4W |
| R181 | 1-247-807-31 | CARBON | 100 | 5% | 1/4W |
| R182 | 1-247-807-31 | CARBON | 100 | 5% | 1/4W |
| R183 | 1-247-871-11 | CARBON | 47K | 5% | 1/4W |
| R184 | 1-247-807-31 | CARBON | 100 | 5% | 1/4W |
| R185 | 1-247-807-31 | CARBON | 100 | 5% | 1/4W |
| R198 | 1-249-377-11 | CARBON | 0.47 | 5% | 1/4W F |
| R199 | 1-249-377-11 | CARBON | 0.47 | 5% | 1/4W F |
| | | < ROTARY ENCODER > | | | |
| RV104 | 1-418-817-11 | ENCODER, ROTARY (INPUT SELECTOR) | | | |
| | | < SWITCH > | | | |
| S100 | 1-771-410-21 | SWITCH, TACTILE (INPUT MODE) | | | |
| S101 | 1-771-410-21 | SWITCH, TACTILE (2ND ZONE) | | | |
| S102 | 1-771-410-21 | SWITCH, TACTILE (SURR BACK DECODING) | | | |
| S103 | 1-771-410-21 | SWITCH, TACTILE (MUSIC) | | | |
| S110 | 1-771-410-21 | SWITCH, TACTILE (MOVIE) | | | |

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| S111 | 1-771-410-21 | SWITCH, TACTILE (A.F.D.) | | | |
| S112 | 1-771-410-21 | SWITCH, TACTILE (MULTI CH IN/DIRECT) | | | |
| S113 | 1-771-410-21 | SWITCH, TACTILE (2CH) | | | |
| | | < VIBRATOR > | | | |
| X101 | 1-579-952-21 | VIBRATOR, CERAMIC (8MHz) | | | |
| ********** | | | | | |
| | | HP BOARD | | | |
| | | ********* | | | |
| | | < CAPACITOR > | | | |
| C2501 | 1-164-159-11 | CERAMIC | 0.1uF | | 50V |
| C2502 | 1-164-159-11 | CERAMIC | 0.1uF | | 50V |
| | | < CONNECTOR > | | | |
| CNP701 | 1-691-766-11 | PLUG (MICRO CONNECTOR) 4P | | | |
| | | < JACK > | | | |
| J2501 | 1-815-313-21 | JACK (PHONES) | | | |
| ********** | | | | | |
| | A-4751-314-A | MAIN BOARD, COMPLETE (US,CND,E2) | | | |
| | A-4753-109-A | MAIN BOARD, COMPLETE (AR,MY,SP) | | | |
| | | ********** | | | |
| | 7-685-646-79 | SCREW +BVTP 3X8 TYPE2 IT-3 | | | |
| | | < CAPACITOR > | | | |
| C200 | 1-126-923-11 | ELECT | 220uF | 20% | 10V |
| C201 | 1-126-964-11 | ELECT | 10uF | 20% | 50V |
| C220 | 1-128-560-11 | ELECT | 22uF | 20% | 100V |
| C221 | 1-128-560-11 | ELECT | 22uF | 20% | 100V |
| C230 | 1-128-560-11 | ELECT | 22uF | 20% | 100V |
| C231 | 1-128-560-11 | ELECT | 22uF | 20% | 100V |
| C233 | 1-128-581-11 | ELECT | 4.7uF | 20% | 100V |
| C250 | 1-126-967-11 | ELECT | 47uF | 20% | 50V |
| C251 | 1-126-967-11 | ELECT | 47uF | 20% | 50V |
| C252 | 1-126-967-11 | ELECT | 47uF | 20% | 50V |
| C255 | 1-126-923-11 | ELECT | 220uF | 20% | 10V |
| C260 | 1-164-159-11 | CERAMIC | 0.1uF | | 50V |
| C261 | 1-126-923-11 | ELECT | 220uF | 20% | 10V |
| C265 | 1-164-159-11 | CERAMIC | 0.1uF | | 50V |
| C266 | 1-126-923-11 | ELECT | 220uF | 20% | 10V |
| C290 | 1-107-935-11 | ELECT | 330uF | 20% | 100V |
| C302 | 1-128-813-11 | CERAMIC | 220PF | 5% | 50V |
| C303 | 1-126-961-11 | ELECT | 2.2uF | 20% | 50V |
| C304 | 1-126-923-11 | ELECT | 220uF | 20% | 10V |
| C305 | 1-128-809-11 | CERAMIC | 100PF | 5% | 50V |
| C306 | 1-125-896-11 | MYLAR | 0.0091uF | 5% | 50V |
| C307 | 1-136-159-00 | FILM | 0.033uF | 5% | 50V |
| C308 | 1-124-257-00 | ELECT | 2.2uF | 20% | 50V |
| C309 | 1-127-880-11 | CERAMIC | 0.022uF | 10% | 50V |
| C310 | 1-130-471-00 | MYLAR | 0.001uF | 5% | 50V |
| C313 | 1-126-963-11 | ELECT | 4.7uF | 20% | 50V |
| C330 | 1-126-965-11 | ELECT | 22uF | 20% | 50V |
| C331 | 1-128-809-11 | CERAMIC | 100PF | 5% | 50V |
| C332 | 1-126-965-11 | ELECT | 22uF | 20% | 50V |
| C352 | 1-128-813-11 | CERAMIC | 220PF | 5% | 50V |

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| C353 | 1-126-961-11 | ELECT | 2.2uF | 20% | 50V |
| C354 | 1-126-923-11 | ELECT | 220uF | 20% | 10V |
| C355 | 1-128-809-11 | CERAMIC | 100PF | 5% | 50V |
| C356 | 1-125-896-11 | MYLAR | 0.0091uF | 5% | 50V |
| C357 | 1-136-159-00 | FILM | 0.033uF | 5% | 50V |
| C358 | 1-124-257-00 | ELECT | 2.2uF | 20% | 50V |
| C359 | 1-127-880-11 | CERAMIC | 0.022uF | 10% | 50V |
| C360 | 1-130-471-00 | MYLAR | 0.001uF | 5% | 50V |
| C363 | 1-126-963-11 | ELECT | 4.7uF | 20% | 50V |
| C380 | 1-126-965-11 | ELECT | 22uF | 20% | 50V |
| C381 | 1-128-809-11 | CERAMIC | 100PF | 5% | 50V |
| C382 | 1-126-965-11 | ELECT | 22uF | 20% | 50V |
| C390 | 1-126-963-11 | ELECT | 4.7uF | 20% | 50V |
| C391 | 1-126-963-11 | ELECT | 4.7uF | 20% | 50V |
| C392 | 1-128-803-11 | CERAMIC | 33PF | 5% | 50V |
| C393 | 1-127-880-11 | CERAMIC | 0.022uF | 10% | 50V |
| C394 | 1-126-963-11 | ELECT | 4.7uF | 20% | 50V |
| C395 | 1-126-963-11 | ELECT | 4.7uF | 20% | 50V |
| C401 | 1-126-961-11 | ELECT | 2.2uF | 20% | 50V |
| C403 | 1-126-964-11 | ELECT | 10uF | 20% | 50V |
| C407 | 1-128-813-11 | CERAMIC | 220PF | 5% | 50V |
| C408 | 1-128-813-11 | CERAMIC | 220PF | 5% | 50V |
| C409 | 1-128-813-11 | CERAMIC | 220PF | 5% | 50V |
| C411 | 1-126-963-11 | ELECT | 4.7uF | 20% | 50V |
| C412 | 1-128-809-11 | CERAMIC | 100PF | 5% | 50V |
| C413 | 1-128-809-11 | CERAMIC | 100PF | 5% | 50V |
| C414 | 1-102-233-00 | CERAMIC | 33PF | 10% | 500V |
| C415 | 1-107-583-11 | CERAMIC | 3PF | 0.25PF | 500V |
| C416 | 1-126-923-11 | ELECT | 220uF | 20% | 10V |
| C418 | 1-164-159-11 | CERAMIC | 0.1uF | | 50V |
| C419 | 1-126-923-11 | ELECT | 220uF | 20% | 10V |
| C421 | 1-126-947-11 | ELECT | 47uF | 20% | 35V |
| C422 | 1-164-159-11 | CERAMIC | 0.1uF | | 50V |
| C423 | 1-102-233-00 | CERAMIC | 33PF | 10% | 500V |
| C424 | 1-102-233-00 | CERAMIC | 33PF | 10% | 500V |
| C425 | 1-128-813-11 | CERAMIC | 220PF | 5% | 50V |
| C426 | 1-127-876-11 | CERAMIC | 0.01uF | 10% | 50V |
| C427 | 1-126-964-11 | ELECT | 10uF | 20% | 50V |
| C428 | 1-164-159-11 | CERAMIC | 0.1uF | | 50V |
| C431 | 1-136-497-81 | FILM | 0.1uF | 5% | 50V |
| C432 | 1-136-161-00 | FILM | 0.047uF | 5% | 50V |
| C440 | 1-126-963-11 | ELECT | 4.7uF | 20% | 50V |
| C443 | 1-127-880-11 | CERAMIC | 0.022uF | 10% | 50V |
| C444 | 1-126-963-11 | ELECT | 4.7uF | 20% | 50V |
| C451 | 1-126-961-11 | ELECT | 2.2uF | 20% | 50V |
| C459 | 1-126-961-11 | ELECT | 2.2uF | 20% | 50V |
| C460 | 1-126-961-11 | ELECT | 2.2uF | 20% | 50V |
| C461 | 1-126-963-11 | ELECT | 4.7uF | 20% | 50V |
| C462 | 1-128-809-11 | CERAMIC | 100PF | 5% | 50V |
| C463 | 1-128-809-11 | CERAMIC | 100PF | 5% | 50V |
| C464 | 1-102-233-00 | CERAMIC | 33PF | 10% | 500V |
| C465 | 1-107-583-11 | CERAMIC | 3PF | 0.25PF | 500V |
| C466 | 1-126-923-11 | ELECT | 220uF | 20% | 10V |
| C470 | 1-126-964-11 | ELECT | 10uF | 20% | 50V |
| C471 | 1-126-947-11 | ELECT | 47uF | 20% | 35V |
| C473 | 1-102-233-00 | CERAMIC | 33PF | 10% | 500V |
| C474 | 1-102-233-00 | CERAMIC | 33PF | 10% | 500V |
| C475 | 1-128-813-11 | CERAMIC | 220PF | 5% | 50V |

## MAIN

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| C476 | 1-127-876-11 | CERAMIC | 0.01uF | 10% | 50V |
| C477 | 1-126-964-11 | ELECT | 10uF | 20% | 50V |
| C478 | 1-126-963-11 | ELECT | 4.7uF | 20% | 50V |
| C479 | 1-126-963-11 | ELECT | 4.7uF | 20% | 50V |
| C481 | 1-136-497-81 | FILM | 0.1uF | 5% | 50V |
| C482 | 1-136-161-00 | FILM | 0.047uF | 5% | 50V |
| C485 | 1-126-961-11 | ELECT | 2.2uF | 20% | 50V |
| C486 | 1-124-257-00 | ELECT | 2.2uF | 20% | 50V |
| C490 | 1-126-963-11 | ELECT | 4.7uF | 20% | 50V |
| C493 | 1-127-880-11 | CERAMIC | 0.022uF | 10% | 50V |
| C494 | 1-126-963-11 | ELECT | 4.7uF | 20% | 50V |
| C501 | 1-126-961-11 | ELECT | 2.2uF | 20% | 50V |
| C503 | 1-126-964-11 | ELECT | 10uF | 20% | 50V |
| C511 | 1-126-963-11 | ELECT | 4.7uF | 20% | 50V |
| C512 | 1-128-809-11 | CERAMIC | 100PF | 5% | 50V |
| C513 | 1-128-809-11 | CERAMIC | 100PF | 5% | 50V |
| C514 | 1-102-233-00 | CERAMIC | 33PF | 10% | 500V |
| C515 | 1-107-583-11 | CERAMIC | 3PF | 0.25PF | 500V |
| C516 | 1-126-923-11 | ELECT | 220uF | 20% | 10V |
| C521 | 1-126-947-11 | ELECT | 47uF | 20% | 35V |
| C523 | 1-102-233-00 | CERAMIC | 33PF | 10% | 500V |
| C524 | 1-102-233-00 | CERAMIC | 33PF | 10% | 500V |
| C525 | 1-128-813-11 | CERAMIC | 220PF | 5% | 50V |
| C526 | 1-127-876-11 | CERAMIC | 0.01uF | 10% | 50V |
| C527 | 1-126-964-11 | ELECT | 10uF | 20% | 50V |
| C531 | 1-136-497-81 | FILM | 0.1uF | 5% | 50V |
| C532 | 1-136-161-00 | FILM | 0.047uF | 5% | 50V |
| C540 | 1-126-963-11 | ELECT | 4.7uF | 20% | 50V |
| C543 | 1-127-880-11 | CERAMIC | 0.022uF | 10% | 50V |
| C544 | 1-126-963-11 | ELECT | 4.7uF | 20% | 50V |
| C551 | 1-126-961-11 | ELECT | 2.2uF | 20% | 50V |
| C561 | 1-126-963-11 | ELECT | 4.7uF | 20% | 50V |
| C562 | 1-128-809-11 | CERAMIC | 100PF | 5% | 50V |
| C563 | 1-128-809-11 | CERAMIC | 100PF | 5% | 50V |
| C564 | 1-102-233-00 | CERAMIC | 33PF | 10% | 500V |
| C565 | 1-107-583-11 | CERAMIC | 3PF | 0.25PF | 500V |
| C566 | 1-126-923-11 | ELECT | 220uF | 20% | 10V |
| C571 | 1-126-947-11 | ELECT | 47uF | 20% | 35V |
| C573 | 1-102-233-00 | CERAMIC | 33PF | 10% | 500V |
| C575 | 1-102-233-00 | CERAMIC | 33PF | 10% | 500V |
| C576 | 1-127-876-11 | CERAMIC | 0.01uF | 10% | 50V |
| C577 | 1-126-964-11 | ELECT | 10uF | 20% | 50V |
| C578 | 1-128-813-11 | CERAMIC | 220PF | 5% | 50V |
| C581 | 1-136-497-81 | FILM | 0.1uF | 5% | 50V |
| C582 | 1-136-161-00 | FILM | 0.047uF | 5% | 50V |
| C590 | 1-126-963-11 | ELECT | 4.7uF | 20% | 50V |
| C593 | 1-127-880-11 | CERAMIC | 0.022uF | 10% | 50V |
| C594 | 1-126-963-11 | ELECT | 4.7uF | 20% | 50V |
| C601 | 1-126-961-11 | ELECT | 2.2uF | 20% | 50V |
| C603 | 1-126-964-11 | ELECT | 10uF | 20% | 50V |
| C611 | 1-126-963-11 | ELECT | 4.7uF | 20% | 50V |
| C612 | 1-128-809-11 | CERAMIC | 100PF | 5% | 50V |
| C613 | 1-128-809-11 | CERAMIC | 100PF | 5% | 50V |
| C614 | 1-102-233-00 | CERAMIC | 33PF | 10% | 500V |
| C615 | 1-107-583-11 | CERAMIC | 3PF | 0.25PF | 500V |
| C616 | 1-126-923-11 | ELECT | 220uF | 20% | 10V |
| C621 | 1-126-947-11 | ELECT | 47uF | 20% | 35V |
| C623 | 1-102-233-00 | CERAMIC | 33PF | 10% | 500V |

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| C624 | 1-102-233-00 | CERAMIC | 33PF | 10% | 500V |
| C625 | 1-128-813-11 | CERAMIC | 220PF | 5% | 50V |
| C626 | 1-127-876-11 | CERAMIC | 0.01uF | 10% | 50V |
| C627 | 1-126-964-11 | ELECT | 10uF | 20% | 50V |
| C631 | 1-136-497-81 | FILM | 0.1uF | 5% | 50V |
| C632 | 1-136-161-00 | FILM | 0.047uF | 5% | 50V |
| C640 | 1-126-963-11 | ELECT | 4.7uF | 20% | 50V |
| C643 | 1-127-880-11 | CERAMIC | 0.022uF | 10% | 50V |
| C644 | 1-126-963-11 | ELECT | 4.7uF | 20% | 50V |
| C651 | 1-126-961-11 | ELECT | 2.2uF | 20% | 50V |
| C661 | 1-126-963-11 | ELECT | 4.7uF | 20% | 50V |
| C662 | 1-128-809-11 | CERAMIC | 100PF | 5% | 50V |
| C663 | 1-128-809-11 | CERAMIC | 100PF | 5% | 50V |
| C664 | 1-102-233-00 | CERAMIC | 33PF | 10% | 500V |
| C665 | 1-107-583-11 | CERAMIC | 3PF | 0.25PF | 500V |
| C666 | 1-126-923-11 | ELECT | 220uF | 20% | 10V |
| C671 | 1-126-947-11 | ELECT | 47uF | 20% | 35V |
| C673 | 1-102-233-00 | CERAMIC | 33PF | 10% | 500V |
| C674 | 1-102-233-00 | CERAMIC | 33PF | 10% | 500V |
| C675 | 1-128-813-11 | CERAMIC | 220PF | 5% | 50V |
| C676 | 1-127-876-11 | CERAMIC | 0.01uF | 10% | 50V |
| C677 | 1-126-964-11 | ELECT | 10uF | 20% | 50V |
| C681 | 1-136-497-81 | FILM | 0.1uF | 5% | 50V |
| C682 | 1-136-161-00 | FILM | 0.047uF | 5% | 50V |
| C690 | 1-126-963-11 | ELECT | 4.7uF | 20% | 50V |
| C693 | 1-127-880-11 | CERAMIC | 0.022uF | 10% | 50V |
| C694 | 1-126-963-11 | ELECT | 4.7uF | 20% | 50V |
| C701 | 1-126-961-11 | ELECT | 2.2uF | 20% | 50V |
| C703 | 1-126-964-11 | ELECT | 10uF | 20% | 50V |
| C711 | 1-126-963-11 | ELECT | 4.7uF | 20% | 50V |
| C712 | 1-128-809-11 | CERAMIC | 100PF | 5% | 50V |
| C713 | 1-128-809-11 | CERAMIC | 100PF | 5% | 50V |
| C714 | 1-102-233-00 | CERAMIC | 33PF | 10% | 500V |
| C715 | 1-107-583-11 | CERAMIC | 3PF | 0.25PF | 500V |
| C716 | 1-126-923-11 | ELECT | 220uF | 20% | 10V |
| C721 | 1-126-947-11 | ELECT | 47uF | 20% | 35V |
| C723 | 1-102-233-00 | CERAMIC | 33PF | 10% | 500V |
| C724 | 1-102-233-00 | CERAMIC | 33PF | 10% | 500V |
| C725 | 1-128-813-11 | CERAMIC | 220PF | 5% | 50V |
| C726 | 1-127-876-11 | CERAMIC | 0.01uF | 10% | 50V |
| C727 | 1-126-964-11 | ELECT | 10uF | 20% | 50V |
| C731 | 1-136-497-81 | FILM | 0.1uF | 5% | 50V |
| C732 | 1-136-161-00 | FILM | 0.047uF | 5% | 50V |
| C751 | 1-126-961-11 | ELECT | 2.2uF | 20% | 50V |
| C793 | 1-127-880-11 | CERAMIC | 0.022uF | 10% | 50V |
| C800 | 1-135-851-21 | MYLAR | 0.22uF | | 100V |
| C802 | 1-135-851-21 | MYLAR | 0.22uF | | 100V |
| C803 | 1-125-897-11 | ELECT | 10000uF | 20% | 71V |
| C804 | 1-125-897-11 | ELECT | 10000uF | 20% | 71V |
| C840 | 1-126-963-11 | ELECT | 4.7uF | 20% | 50V |
| C844 | 1-126-963-11 | ELECT | 4.7uF | 20% | 50V |

< CONNECTOR >

| | | | |
|---|---|---|---|
| * | CN908 | 1-564-242-00 | PIN, CONNECTOR (3.96mm PITCH) 5P |
| | CNP802 | 1-691-765-11 | PLUG (MICRO CONNECTOR) 3P |
| | CNP804 | 1-784-926-11 | PIN, CONNECTOR 11P |
| * | CNP805 | 1-564-704-11 | PIN, CONNECTOR (SMALL TYPE) 2P |
| * | CNP811 | 1-766-718-21 | CONNECTOR, BOARD TO BOARD 17P |

| Ref. No. | Part No. | Description | Remark |
|---|---|---|---|
| CNP812 | 1-784-930-11 | PIN, CONNECTOR 15P | |
| CNP814 | 1-573-845-11 | CONNECTOR, BOARD TO BOARD 13P | |
| | | < DIODE > | |
| D201 | 8-719-991-33 | DIODE 1SS133T-77 | |
| D202 | 8-719-991-33 | DIODE 1SS133T-77 | |
| D203 | 8-719-991-33 | DIODE 1SS133T-77 | |
| D220 | 8-719-991-33 | DIODE 1SS133T-77 | |
| D221 | 8-719-110-42 | DIODE RD15ES-B3 (AR,MY,SP) | |
| D221 | 8-719-947-70 | DIODE MTZJ-T-72-18C (US,CND,E2) | |
| D235 | 8-719-991-33 | DIODE 1SS133T-77 | |
| D240 | 8-719-991-33 | DIODE 1SS133T-77 | |
| D250 | 8-719-934-21 | DIODE HZS30-1L | |
| D251 | 8-719-068-28 | DIODE HZ6.8BP-TK | |
| D265 | 8-719-043-76 | DIODE AK04V0 | |
| D290 | 6-500-522-11 | DIODE 10EDB40-TA2B5 | |
| D291 | 6-500-522-11 | DIODE 10EDB40-TA2B5 | |
| D300 | 8-719-991-33 | DIODE 1SS133T-77 | |
| D351 | 8-719-991-33 | DIODE 1SS133T-77 | |
| D400 | 8-719-991-33 | DIODE 1SS133T-77 | |
| D425 | 8-719-991-33 | DIODE 1SS133T-77 | |
| D426 | 8-719-991-33 | DIODE 1SS133T-77 | |
| D475 | 8-719-991-33 | DIODE 1SS133T-77 | |
| D476 | 8-719-991-33 | DIODE 1SS133T-77 | |
| D525 | 8-719-991-33 | DIODE 1SS133T-77 | |
| D526 | 8-719-991-33 | DIODE 1SS133T-77 | |
| D575 | 8-719-991-33 | DIODE 1SS133T-77 | |
| D576 | 8-719-991-33 | DIODE 1SS133T-77 | |
| D600 | 8-719-991-33 | DIODE 1SS133T-77 | |
| D625 | 8-719-991-33 | DIODE 1SS133T-77 | |
| D626 | 8-719-991-33 | DIODE 1SS133T-77 | |
| D675 | 8-719-991-33 | DIODE 1SS133T-77 | |
| D676 | 8-719-991-33 | DIODE 1SS133T-77 | |
| D700 | 8-719-991-33 | DIODE 1SS133T-77 | |
| D725 | 8-719-991-33 | DIODE 1SS133T-77 | |
| D726 | 8-719-991-33 | DIODE 1SS133T-77 | |
| D801 | 8-719-072-05 | DIODE RBV-602LF-A | |
| D802 | 8-719-072-05 | DIODE RBV-602LF-A | |
| D818 | 8-719-991-33 | DIODE 1SS133T-77 | |
| | | < IC > | |
| IC210 | 8-759-167-88 | IC NJM4565D | |
| IC260 | 8-759-071-48 | IC TA7807S | |
| IC265 | 8-759-071-48 | IC TA7807S | |
| IC300 | 8-759-167-88 | IC NJM4565D | |
| IC301 | 8-759-636-74 | IC M5218AP-22 | |
| IC400 | 6-700-943-01 | IC uPC2581V-S | |
| IC401 | 6-703-500-01 | IC M61532FP | |
| IC402 | 6-702-087-01 | IC TC9273N-011 | |
| IC500 | 6-700-943-01 | IC uPC2581V-S | |
| IC600 | 6-700-943-01 | IC uPC2581V-S | |
| IC604 | 8-759-167-88 | IC NJM4565D | |
| IC700 | 6-700-943-01 | IC uPC2581V-S | |
| | | < JACK > | |
| J301 | 1-794-981-11 | JACK, PIN 4P (PHONO IN,SA-CD/CD IN) | |
| J302 | 1-794-981-11 | JACK, PIN 4P (MD/TAPE OUT/IN) | |
| J303 | 1-793-775-12 | JACK, PIN 6P (MULTI CH IN 2 FRONT,SURROUND,CENTER,SUB WOOFER) | |
| J304 | 1-774-411-11 | JACK, PIN 6P (MULTI CH IN 1 FRONT,SURROUND,SURR BACK) | |
| J305 | 1-817-375-11 | JACK, PIN 4P (MULTI CH IN 1 CENTER,SUB WOOFER,2ND ZONE OUT) | |
| | | < COIL > | |
| L401 | 1-420-872-52 | COIL, AIR-CORE | |
| L451 | 1-420-872-52 | COIL, AIR-CORE | |
| L501 | 1-420-872-52 | COIL, AIR-CORE | |
| L551 | 1-420-872-52 | COIL, AIR-CORE | |
| L601 | 1-420-872-52 | COIL, AIR-CORE | |
| L651 | 1-420-872-52 | COIL, AIR-CORE | |
| L701 | 1-420-872-52 | COIL, AIR-CORE | |
| | | < TRANSISTOR > | |
| Q200 | 8-729-042-09 | TRANSISTOR 2SA1038S-RSE-TP | |
| Q201 | 8-729-119-79 | TRANSISTOR 2SC2785-FEK | |
| Q202 | 8-729-140-84 | TRANSISTOR 2SC1841-PAFAEA | |
| Q210 | 8-729-029-86 | TRANSISTOR DTC124ESA | |
| Q220 | 8-729-021-82 | TRANSISTOR 2SD2396K | |
| Q225 | 8-729-140-84 | TRANSISTOR 2SC1841-PAFAEA | |
| Q235 | 8-729-024-93 | TRANSISTOR 2SB1565E | |
| Q240 | 8-729-119-79 | TRANSISTOR 2SC2785-FEK | |
| Q250 | 8-729-140-97 | TRANSISTOR 2SB734-34 | |
| Q255 | 8-729-042-09 | TRANSISTOR 2SA1038S-RSE-TP | |
| Q256 | 8-729-119-79 | TRANSISTOR 2SC2785-FEK | |
| Q300 | 8-729-119-79 | TRANSISTOR 2SC2785-FEK | |
| Q351 | 8-729-119-79 | TRANSISTOR 2SC2785-FEK | |
| Q391 | 8-729-922-37 | TRANSISTOR 2SD2144S-UVW | |
| Q400 | 8-729-119-79 | TRANSISTOR 2SC2785-FEK | |
| Q410 | 8-729-029-40 | TRANSISTOR DTA124ESA | |
| Q421 | 8-729-119-76 | TRANSISTOR 2SA1175-HFE | |
| Q422 | 8-729-141-30 | TRANSISTOR 2SC3623A-LK | |
| Q425 | 8-729-042-09 | TRANSISTOR 2SA1038S-RSE-TP | |
| Q426 | 8-729-042-09 | TRANSISTOR 2SA1038S-RSE-TP | |
| Q427 | 8-729-281-53 | TRANSISTOR 2SC1815-GR | |
| Q441 | 8-729-922-37 | TRANSISTOR 2SD2144S-UVW | |
| Q471 | 8-729-119-76 | TRANSISTOR 2SA1175-HFE | |
| Q472 | 8-729-141-30 | TRANSISTOR 2SC3623A-LK | |
| Q475 | 8-729-042-09 | TRANSISTOR 2SA1038S-RSE-TP | |
| Q476 | 8-729-042-09 | TRANSISTOR 2SA1038S-RSE-TP | |
| Q477 | 8-729-281-53 | TRANSISTOR 2SC1815-GR | |
| Q491 | 8-729-922-37 | TRANSISTOR 2SD2144S-UVW | |
| Q521 | 8-729-119-76 | TRANSISTOR 2SA1175-HFE | |
| Q522 | 8-729-141-30 | TRANSISTOR 2SC3623A-LK | |
| Q525 | 8-729-042-09 | TRANSISTOR 2SA1038S-RSE-TP | |
| Q526 | 8-729-042-09 | TRANSISTOR 2SA1038S-RSE-TP | |
| Q527 | 8-729-281-53 | TRANSISTOR 2SC1815-GR | |
| Q541 | 8-729-922-37 | TRANSISTOR 2SD2144S-UVW | |
| Q571 | 8-729-119-76 | TRANSISTOR 2SA1175-HFE | |
| Q572 | 8-729-141-30 | TRANSISTOR 2SC3623A-LK | |
| Q575 | 8-729-042-09 | TRANSISTOR 2SA1038S-RSE-TP | |
| Q576 | 8-729-042-09 | TRANSISTOR 2SA1038S-RSE-TP | |
| Q577 | 8-729-281-53 | TRANSISTOR 2SC1815-GR | |
| Q591 | 8-729-922-37 | TRANSISTOR 2SD2144S-UVW | |
| Q600 | 8-729-119-79 | TRANSISTOR 2SC2785-FEK | |

# MAIN

| Ref. No. | Part No. | Description | | | | Remark |
|---|---|---|---|---|---|---|
| Q621 | 8-729-119-76 | TRANSISTOR | 2SA1175-HFE | | | |
| Q622 | 8-729-141-30 | TRANSISTOR | 2SC3623A-LK | | | |
| Q625 | 8-729-042-09 | TRANSISTOR | 2SA1038S-RSE-TP | | | |
| Q626 | 8-729-042-09 | TRANSISTOR | 2SA1038S-RSE-TP | | | |
| Q627 | 8-729-281-53 | TRANSISTOR | 2SC1815-GR | | | |
| Q641 | 8-729-922-37 | TRANSISTOR | 2SD2144S-UVW | | | |
| Q652 | 8-729-922-37 | TRANSISTOR | 2SD2144S-UVW | | | |
| Q671 | 8-729-119-76 | TRANSISTOR | 2SA1175-HFE | | | |
| Q672 | 8-729-141-30 | TRANSISTOR | 2SC3623A-LK | | | |
| Q675 | 8-729-042-09 | TRANSISTOR | 2SA1038S-RSE-TP | | | |
| Q676 | 8-729-042-09 | TRANSISTOR | 2SA1038S-RSE-TP | | | |
| Q677 | 8-729-281-53 | TRANSISTOR | 2SC1815-GR | | | |
| Q691 | 8-729-922-37 | TRANSISTOR | 2SD2144S-UVW | | | |
| Q700 | 8-729-119-79 | TRANSISTOR | 2SC2785-FEK | | | |
| Q721 | 8-729-119-76 | TRANSISTOR | 2SA1175-HFE | | | |
| Q722 | 8-729-141-30 | TRANSISTOR | 2SC3623A-LK | | | |
| Q725 | 8-729-042-09 | TRANSISTOR | 2SA1038S-RSE-TP | | | |
| Q726 | 8-729-042-09 | TRANSISTOR | 2SA1038S-RSE-TP | | | |
| Q727 | 8-729-281-53 | TRANSISTOR | 2SC1815-GR | | | |
| Q791 | 8-729-922-37 | TRANSISTOR | 2SD2144S-UVW | | | |
| Q809 | 8-729-119-79 | TRANSISTOR | 2SC2785-FEK | | | |
| | | < RESISTOR > | | | | |
| R201 | 1-249-429-11 | CARBON | 10K | 5% | 1/4W | |
| R203 | 1-259-468-61 | CARBON | 47K | 5% | 1/6W | |
| R204 | 1-259-428-61 | CARBON | 1K | 5% | 1/6W | |
| R205 | 1-249-427-11 | CARBON | 6.8K | 5% | 1/4W | |
| R210 | 1-249-429-11 | CARBON | 10K | 5% | 1/4W | |
| R211 | 1-249-429-11 | CARBON | 10K | 5% | 1/4W | |
| R212 | 1-247-887-00 | CARBON | 220K | 5% | 1/4W | |
| R213 | 1-259-468-61 | CARBON | 47K | 5% | 1/6W | |
| R214 | 1-249-429-11 | CARBON | 10K | 5% | 1/4W | |
| R215 | 1-247-863-11 | CARBON | 22K | 5% | 1/4W | |
| R220 | 1-249-393-11 | CARBON | 10 | 5% | 1/4W | F |
| ⚠R221 | 1-215-873-81 | METAL OXIDE | 4.7K | 5% | 1W | F |
| R222 | 1-259-420-61 | CARBON | 470 | 5% | 1/6W | |
| R233 | 1-247-847-11 | CARBON | 4.7K | 5% | 1/4W | |
| R234 | 1-249-393-11 | CARBON | 10 | 5% | 1/4W | F |
| R235 | 1-259-420-61 | CARBON | 470 | 5% | 1/6W | |
| R236 | 1-247-883-00 | CARBON | 150K | 5% | 1/4W | |
| ⚠R240 | 1-215-868-00 | METAL OXIDE | 680 | 5% | 1W | F |
| R245 | 1-247-847-11 | CARBON | 4.7K | 5% | 1/4W | |
| R246 | 1-249-402-11 | CARBON | 56 | 5% | 1/4W | F |
| R250 | 1-249-389-11 | CARBON | 4.7 | 5% | 1/4W | F |
| R251 | 1-249-426-11 | CARBON | 5.6K | 5% | 1/4W | |
| R252 | 1-247-863-11 | CARBON | 22K | 5% | 1/4W | |
| ⚠R280 | 1-215-868-00 | METAL OXIDE | 680 | 5% | 1W | F |
| ⚠R290 | 1-240-877-11 | FUSIBLE | 0.15 | 5% | 1/2W | F |
| R301 | 1-259-428-61 | CARBON | 1K | 5% | 1/6W | |
| R302 | 1-259-476-61 | CARBON | 100K | 5% | 1/6W | |
| R303 | 1-259-474-61 | CARBON | 82K | 5% | 1/6W | |
| R304 | 1-259-410-61 | CARBON | 180 | 5% | 1/6W | |
| R305 | 1-259-450-61 | CARBON | 8.2K | 5% | 1/6W | |
| R306 | 1-259-476-61 | CARBON | 100K | 5% | 1/6W | |
| R307 | 1-259-404-61 | CARBON | 100 | 5% | 1/6W | |
| R308 | 1-259-476-61 | CARBON | 100K | 5% | 1/6W | |
| R309 | 1-259-420-61 | CARBON | 470 | 5% | 1/6W | |
| R311 | 1-259-428-61 | CARBON | 1K | 5% | 1/6W | |

| Ref. No. | Part No. | Description | | | | Remark |
|---|---|---|---|---|---|---|
| R313 | 1-259-428-61 | CARBON | 1K | 5% | 1/6W | |
| R314 | 1-259-428-61 | CARBON | 1K | 5% | 1/6W | |
| R315 | 1-259-468-61 | CARBON | 47K | 5% | 1/6W | |
| R319 | 1-259-428-61 | CARBON | 1K | 5% | 1/6W | |
| R321 | 1-259-428-61 | CARBON | 1K | 5% | 1/6W | |
| R323 | 1-259-428-61 | CARBON | 1K | 5% | 1/6W | |
| R330 | 1-247-887-00 | CARBON | 220K | 5% | 1/4W | |
| R331 | 1-259-468-61 | CARBON | 47K | 5% | 1/6W | |
| R332 | 1-259-404-61 | CARBON | 100 | 5% | 1/6W | |
| R341 | 1-247-847-11 | CARBON | 4.7K | 5% | 1/4W | |
| R342 | 1-249-401-11 | CARBON | 47 | 5% | 1/4W | F |
| R351 | 1-259-428-61 | CARBON | 1K | 5% | 1/6W | |
| R352 | 1-259-476-61 | CARBON | 100K | 5% | 1/6W | |
| R353 | 1-259-474-61 | CARBON | 82K | 5% | 1/6W | |
| R354 | 1-259-410-61 | CARBON | 180 | 5% | 1/6W | |
| R355 | 1-259-450-61 | CARBON | 8.2K | 5% | 1/6W | |
| R356 | 1-259-476-61 | CARBON | 100K | 5% | 1/6W | |
| R357 | 1-259-404-61 | CARBON | 100 | 5% | 1/6W | |
| R358 | 1-259-476-61 | CARBON | 100K | 5% | 1/6W | |
| R359 | 1-259-420-61 | CARBON | 470 | 5% | 1/6W | |
| R361 | 1-259-428-61 | CARBON | 1K | 5% | 1/6W | |
| R363 | 1-259-428-61 | CARBON | 1K | 5% | 1/6W | |
| R364 | 1-259-428-61 | CARBON | 1K | 5% | 1/6W | |
| R365 | 1-259-468-61 | CARBON | 47K | 5% | 1/6W | |
| R369 | 1-259-428-61 | CARBON | 1K | 5% | 1/6W | |
| R371 | 1-259-428-61 | CARBON | 1K | 5% | 1/6W | |
| R373 | 1-259-428-61 | CARBON | 1K | 5% | 1/6W | |
| R380 | 1-247-887-00 | CARBON | 220K | 5% | 1/4W | |
| R381 | 1-259-468-61 | CARBON | 47K | 5% | 1/6W | |
| R382 | 1-259-404-61 | CARBON | 100 | 5% | 1/6W | |
| R390 | 1-249-429-11 | CARBON | 10K | 5% | 1/4W | |
| R391 | 1-259-468-61 | CARBON | 47K | 5% | 1/6W | |
| R392 | 1-249-429-11 | CARBON | 10K | 5% | 1/4W | |
| R393 | 1-249-429-11 | CARBON | 10K | 5% | 1/4W | |
| R394 | 1-259-476-61 | CARBON | 100K | 5% | 1/6W | |
| R395 | 1-259-428-61 | CARBON | 1K | 5% | 1/6W | |
| R396 | 1-259-468-61 | CARBON | 47K | 5% | 1/6W | |
| R397 | 1-247-847-11 | CARBON | 4.7K | 5% | 1/4W | |
| R398 | 1-249-409-11 | CARBON | 220 | 5% | 1/4W | F |
| R400 | 1-247-863-11 | CARBON | 22K | 5% | 1/4W | |
| R401 | 1-259-428-61 | CARBON | 1K | 5% | 1/6W | |
| R405 | 1-247-847-11 | CARBON | 4.7K | 5% | 1/4W | |
| R406 | 1-249-402-11 | CARBON | 56 | 5% | 1/4W | F |
| R407 | 1-259-420-61 | CARBON | 470 | 5% | 1/6W | |
| R408 | 1-259-420-61 | CARBON | 470 | 5% | 1/6W | |
| R409 | 1-259-420-61 | CARBON | 470 | 5% | 1/6W | |
| R410 | 1-249-429-11 | CARBON | 10K | 5% | 1/4W | |
| R411 | 1-259-428-61 | CARBON | 1K | 5% | 1/6W | |
| R412 | 1-259-472-61 | CARBON | 68K | 5% | 1/6W | |
| R413 | 1-259-468-61 | CARBON | 47K | 5% | 1/6W | |
| R414 | 1-259-468-61 | CARBON | 47K | 5% | 1/6W | |
| R415 | 1-259-472-61 | CARBON | 68K | 5% | 1/6W | |
| R416 | 1-259-436-61 | CARBON | 2.2K | 5% | 1/6W | |
| R421 | 1-259-474-61 | CARBON | 82K | 5% | 1/6W | |
| R422 | 1-259-436-61 | CARBON | 2.2K | 5% | 1/6W | |
| R423 | 1-249-405-11 | CARBON | 100 | 5% | 1/4W | F |
| R424 | 1-249-414-11 | CARBON | 560 | 5% | 1/4W | |
| R425 | 1-249-405-11 | CARBON | 100 | 5% | 1/4W | F |

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

Les composants identifiés par une marque ⚠ sont critiques pour la sécurité.
Ne les remplacer que par une piéce portant le numéro spécifié.

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| R426 | 1-240-855-81 | CARBON | 6.2K | 5% | 1/4W F |
| R427 | 1-247-847-11 | CARBON | 4.7K | 5% | 1/4W |
| R428 | 1-234-182-11 | ENCAPSULATED COMPONENT 0.22X2 5W | | | |
| R429 | 1-249-419-11 | CARBON | 1.5K | 5% | 1/4W |
| R430 | 1-259-476-61 | CARBON | 100K | 5% | 1/6W |
| R431 | 1-249-393-11 | CARBON | 10 | 5% | 1/4W F |
| R432 | 1-249-435-11 | CARBON | 33K | 5% | 1/4W |
| R433 | 1-249-431-11 | CARBON | 15K | 5% | 1/4W |
| R434 | 1-249-431-11 | CARBON | 15K | 5% | 1/4W |
| R435 | 1-259-468-61 | CARBON | 47K | 5% | 1/6W |
| R436 | 1-247-863-11 | CARBON | 22K | 5% | 1/4W |
| R437 | 1-259-468-61 | CARBON | 47K | 5% | 1/6W |
| R439 | 1-249-389-11 | CARBON | 4.7 | 5% | 1/4W F |
| R440 | 1-259-468-61 | CARBON | 47K | 5% | 1/6W |
| R441 | 1-259-468-61 | CARBON | 47K | 5% | 1/6W |
| R443 | 1-249-429-11 | CARBON | 10K | 5% | 1/4W |
| R444 | 1-259-476-61 | CARBON | 100K | 5% | 1/6W |
| R445 | 1-259-428-61 | CARBON | 1K | 5% | 1/6W |
| R446 | 1-247-847-11 | CARBON | 4.7K | 5% | 1/4W (US,CND,E2) |
| R446 | 1-249-427-11 | CARBON | 6.8K | 5% | 1/4W (AR,MY,SP) |
| R451 | 1-259-428-61 | CARBON | 1K | 5% | 1/6W |
| R461 | 1-259-428-61 | CARBON | 1K | 5% | 1/6W |
| R462 | 1-259-472-61 | CARBON | 68K | 5% | 1/6W |
| R465 | 1-259-472-61 | CARBON | 68K | 5% | 1/6W |
| R466 | 1-259-436-61 | CARBON | 2.2K | 5% | 1/6W |
| R469 | 1-259-468-61 | CARBON | 47K | 5% | 1/6W |
| R470 | 1-259-468-61 | CARBON | 47K | 5% | 1/6W |
| R471 | 1-259-474-61 | CARBON | 82K | 5% | 1/6W |
| R472 | 1-259-436-61 | CARBON | 2.2K | 5% | 1/6W |
| R473 | 1-249-405-11 | CARBON | 100 | 5% | 1/4W F |
| R474 | 1-249-414-11 | CARBON | 560 | 5% | 1/4W |
| R475 | 1-249-405-11 | CARBON | 100 | 5% | 1/4W F |
| R476 | 1-240-855-81 | CARBON | 6.2K | 5% | 1/4W F |
| R477 | 1-247-847-11 | CARBON | 4.7K | 5% | 1/4W |
| R478 | 1-234-182-11 | ENCAPSULATED COMPONENT 0.22X2 5W | | | |
| R479 | 1-249-419-11 | CARBON | 1.5K | 5% | 1/4W |
| R480 | 1-259-476-61 | CARBON | 100K | 5% | 1/6W |
| R481 | 1-249-393-11 | CARBON | 10 | 5% | 1/4W F |
| R482 | 1-249-435-11 | CARBON | 33K | 5% | 1/4W |
| R483 | 1-249-431-11 | CARBON | 15K | 5% | 1/4W |
| R484 | 1-249-431-11 | CARBON | 15K | 5% | 1/4W |
| R485 | 1-259-468-61 | CARBON | 47K | 5% | 1/6W |
| R486 | 1-247-863-11 | CARBON | 22K | 5% | 1/4W |
| R487 | 1-259-468-61 | CARBON | 47K | 5% | 1/6W |
| R489 | 1-249-389-11 | CARBON | 4.7 | 5% | 1/4W F |
| R493 | 1-249-429-11 | CARBON | 10K | 5% | 1/4W |
| R494 | 1-259-476-61 | CARBON | 100K | 5% | 1/6W |
| R495 | 1-259-428-61 | CARBON | 1K | 5% | 1/6W |
| R496 | 1-247-847-11 | CARBON | 4.7K | 5% | 1/4W (US,CND,E2) |
| R496 | 1-249-427-11 | CARBON | 6.8K | 5% | 1/4W (AR,MY,SP) |
| R500 | 1-247-863-11 | CARBON | 22K | 5% | 1/4W |
| R501 | 1-259-428-61 | CARBON | 1K | 5% | 1/6W |
| R511 | 1-259-428-61 | CARBON | 1K | 5% | 1/6W |
| R512 | 1-259-472-61 | CARBON | 68K | 5% | 1/6W |
| R515 | 1-259-472-61 | CARBON | 68K | 5% | 1/6W |
| R516 | 1-259-436-61 | CARBON | 2.2K | 5% | 1/6W |
| R521 | 1-259-474-61 | CARBON | 82K | 5% | 1/6W |
| R522 | 1-259-436-61 | CARBON | 2.2K | 5% | 1/6W |
| R523 | 1-249-405-11 | CARBON | 100 | 5% | 1/4W F |
| R524 | 1-249-414-11 | CARBON | 560 | 5% | 1/4W |
| R525 | 1-249-405-11 | CARBON | 100 | 5% | 1/4W F |
| R526 | 1-240-855-81 | CARBON | 6.2K | 5% | 1/4W F |
| R527 | 1-247-847-11 | CARBON | 4.7K | 5% | 1/4W |
| R528 | 1-234-182-11 | ENCAPSULATED COMPONENT 0.22X2 5W | | | |
| R529 | 1-249-419-11 | CARBON | 1.5K | 5% | 1/4W |
| R530 | 1-259-476-61 | CARBON | 100K | 5% | 1/6W |
| R531 | 1-249-393-11 | CARBON | 10 | 5% | 1/4W F |
| R532 | 1-249-435-11 | CARBON | 33K | 5% | 1/4W |
| R533 | 1-249-431-11 | CARBON | 15K | 5% | 1/4W |
| R534 | 1-249-431-11 | CARBON | 15K | 5% | 1/4W |
| R535 | 1-259-468-61 | CARBON | 47K | 5% | 1/6W |
| R536 | 1-247-863-11 | CARBON | 22K | 5% | 1/4W |
| R537 | 1-259-468-61 | CARBON | 47K | 5% | 1/6W |
| R539 | 1-249-389-11 | CARBON | 4.7 | 5% | 1/4W F |
| R543 | 1-249-429-11 | CARBON | 10K | 5% | 1/4W |
| R544 | 1-259-476-61 | CARBON | 100K | 5% | 1/6W |
| R545 | 1-259-428-61 | CARBON | 1K | 5% | 1/6W |
| R546 | 1-247-847-11 | CARBON | 4.7K | 5% | 1/4W (US,CND,E2) |
| R546 | 1-249-427-11 | CARBON | 6.8K | 5% | 1/4W (AR,MY,SP) |
| R551 | 1-259-428-61 | CARBON | 1K | 5% | 1/6W |
| R561 | 1-259-428-61 | CARBON | 1K | 5% | 1/6W |
| R562 | 1-259-472-61 | CARBON | 68K | 5% | 1/6W |
| R565 | 1-259-472-61 | CARBON | 68K | 5% | 1/6W |
| R566 | 1-259-436-61 | CARBON | 2.2K | 5% | 1/6W |
| R571 | 1-259-474-61 | CARBON | 82K | 5% | 1/6W |
| R572 | 1-259-436-61 | CARBON | 2.2K | 5% | 1/6W |
| R573 | 1-249-405-11 | CARBON | 100 | 5% | 1/4W F |
| R574 | 1-249-414-11 | CARBON | 560 | 5% | 1/4W |
| R575 | 1-249-405-11 | CARBON | 100 | 5% | 1/4W F |
| R576 | 1-240-855-81 | CARBON | 6.2K | 5% | 1/4W F |
| R577 | 1-247-847-11 | CARBON | 4.7K | 5% | 1/4W |
| R578 | 1-234-182-11 | ENCAPSULATED COMPONENT 0.22X2 5W | | | |
| R579 | 1-249-419-11 | CARBON | 1.5K | 5% | 1/4W |
| R580 | 1-259-476-61 | CARBON | 100K | 5% | 1/6W |
| R581 | 1-249-393-11 | CARBON | 10 | 5% | 1/4W F |
| R582 | 1-249-435-11 | CARBON | 33K | 5% | 1/4W |
| R583 | 1-249-431-11 | CARBON | 15K | 5% | 1/4W |
| R584 | 1-249-431-11 | CARBON | 15K | 5% | 1/4W |
| R585 | 1-259-468-61 | CARBON | 47K | 5% | 1/6W |
| R586 | 1-247-863-11 | CARBON | 22K | 5% | 1/4W |
| R587 | 1-259-468-61 | CARBON | 47K | 5% | 1/6W |
| R589 | 1-249-389-11 | CARBON | 4.7 | 5% | 1/4W F |
| R593 | 1-249-429-11 | CARBON | 10K | 5% | 1/4W |
| R594 | 1-259-476-61 | CARBON | 100K | 5% | 1/6W |
| R595 | 1-259-428-61 | CARBON | 1K | 5% | 1/6W |
| R596 | 1-247-847-11 | CARBON | 4.7K | 5% | 1/4W (US,CND,E2) |
| R596 | 1-249-427-11 | CARBON | 6.8K | 5% | 1/4W (AR,MY,SP) |
| R600 | 1-247-863-11 | CARBON | 22K | 5% | 1/4W |
| R601 | 1-259-428-61 | CARBON | 1K | 5% | 1/6W |
| R605 | 1-247-847-11 | CARBON | 4.7K | 5% | 1/4W |

# MAIN

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| R606 | 1-249-402-11 | CARBON | 56 | 5% | 1/4W F |
| R611 | 1-259-428-61 | CARBON | 1K | 5% | 1/6W |
| R612 | 1-259-472-61 | CARBON | 68K | 5% | 1/6W |
| R615 | 1-259-472-61 | CARBON | 68K | 5% | 1/6W |
| R616 | 1-259-436-61 | CARBON | 2.2K | 5% | 1/6W |
| R621 | 1-259-474-61 | CARBON | 82K | 5% | 1/6W |
| R622 | 1-259-436-61 | CARBON | 2.2K | 5% | 1/6W |
| R623 | 1-249-405-11 | CARBON | 100 | 5% | 1/4W F |
| R624 | 1-249-414-11 | CARBON | 560 | 5% | 1/4W |
| R625 | 1-249-405-11 | CARBON | 100 | 5% | 1/4W F |
| R626 | 1-240-855-81 | CARBON | 6.2K | 5% | 1/4W F |
| R627 | 1-247-847-11 | CARBON | 4.7K | 5% | 1/4W |
| R628 | 1-234-182-11 | ENCAPSULATED COMPONENT 0.22X2 5W | | | |
| R629 | 1-249-419-11 | CARBON | 1.5K | 5% | 1/4W |
| R630 | 1-259-476-61 | CARBON | 100K | 5% | 1/6W |
| R631 | 1-249-393-11 | CARBON | 10 | 5% | 1/4W F |
| R632 | 1-249-435-11 | CARBON | 33K | 5% | 1/4W |
| R633 | 1-249-431-11 | CARBON | 15K | 5% | 1/4W |
| R634 | 1-249-431-11 | CARBON | 15K | 5% | 1/4W |
| R635 | 1-259-468-61 | CARBON | 47K | 5% | 1/6W |
| R636 | 1-247-863-11 | CARBON | 22K | 5% | 1/4W |
| R637 | 1-259-468-61 | CARBON | 47K | 5% | 1/6W |
| R639 | 1-249-389-11 | CARBON | 4.7 | 5% | 1/4W F |
| R643 | 1-249-429-11 | CARBON | 10K | 5% | 1/4W |
| R644 | 1-259-476-61 | CARBON | 100K | 5% | 1/6W |
| R645 | 1-259-428-61 | CARBON | 1K | 5% | 1/6W |
| R646 | 1-247-847-11 | CARBON | 4.7K | 5% | 1/4W (US,CND,E2) |
| R646 | 1-249-427-11 | CARBON | 6.8K | 5% | 1/4W (AR,MY,SP) |
| R651 | 1-259-428-61 | CARBON | 1K | 5% | 1/6W |
| R656 | 1-259-428-61 | CARBON | 1K | 5% | 1/6W |
| R658 | 1-259-436-61 | CARBON | 2.2K | 5% | 1/6W |
| R659 | 1-249-415-11 | CARBON | 680 | 5% | 1/4W |
| R661 | 1-259-428-61 | CARBON | 1K | 5% | 1/6W |
| R662 | 1-259-472-61 | CARBON | 68K | 5% | 1/6W |
| R665 | 1-259-472-61 | CARBON | 68K | 5% | 1/6W |
| R666 | 1-259-436-61 | CARBON | 2.2K | 5% | 1/6W |
| R671 | 1-259-474-61 | CARBON | 82K | 5% | 1/6W |
| R672 | 1-259-436-61 | CARBON | 2.2K | 5% | 1/6W |
| R673 | 1-249-405-11 | CARBON | 100 | 5% | 1/4W F |
| R674 | 1-249-414-11 | CARBON | 560 | 5% | 1/4W |
| R675 | 1-249-405-11 | CARBON | 100 | 5% | 1/4W F |
| R676 | 1-240-855-81 | CARBON | 6.2K | 5% | 1/4W F |
| R677 | 1-247-847-11 | CARBON | 4.7K | 5% | 1/4W |
| R678 | 1-234-182-11 | ENCAPSULATED COMPONENT 0.22X2 5W | | | |
| R679 | 1-249-419-11 | CARBON | 1.5K | 5% | 1/4W |
| R680 | 1-259-476-61 | CARBON | 100K | 5% | 1/6W |
| R681 | 1-249-393-11 | CARBON | 10 | 5% | 1/4W F |
| R682 | 1-249-435-11 | CARBON | 33K | 5% | 1/4W |
| R683 | 1-249-431-11 | CARBON | 15K | 5% | 1/4W |
| R684 | 1-249-431-11 | CARBON | 15K | 5% | 1/4W |
| R685 | 1-259-468-61 | CARBON | 47K | 5% | 1/6W |
| R686 | 1-247-863-11 | CARBON | 22K | 5% | 1/4W |
| R687 | 1-259-468-61 | CARBON | 47K | 5% | 1/6W |
| R689 | 1-249-389-11 | CARBON | 4.7 | 5% | 1/4W F |
| R693 | 1-249-429-11 | CARBON | 10K | 5% | 1/4W |
| R694 | 1-259-476-61 | CARBON | 100K | 5% | 1/6W |
| R695 | 1-259-428-61 | CARBON | 1K | 5% | 1/6W |
| R696 | 1-247-847-11 | CARBON | 4.7K | 5% | 1/4W (US,CND,E2) |
| R696 | 1-249-427-11 | CARBON | 6.8K | 5% | 1/4W (AR,MY,SP) |
| R700 | 1-247-863-11 | CARBON | 22K | 5% | 1/4W |
| R701 | 1-259-428-61 | CARBON | 1K | 5% | 1/6W |
| R705 | 1-247-847-11 | CARBON | 4.7K | 5% | 1/4W |
| R706 | 1-249-402-11 | CARBON | 56 | 5% | 1/4W F |
| R711 | 1-259-428-61 | CARBON | 1K | 5% | 1/6W |
| R712 | 1-259-472-61 | CARBON | 68K | 5% | 1/6W |
| R715 | 1-259-472-61 | CARBON | 68K | 5% | 1/6W |
| R716 | 1-259-436-61 | CARBON | 2.2K | 5% | 1/6W |
| R721 | 1-259-474-61 | CARBON | 82K | 5% | 1/6W |
| R722 | 1-259-436-61 | CARBON | 2.2K | 5% | 1/6W |
| R723 | 1-249-405-11 | CARBON | 100 | 5% | 1/4W F |
| R724 | 1-249-414-11 | CARBON | 560 | 5% | 1/4W |
| R725 | 1-249-405-11 | CARBON | 100 | 5% | 1/4W F |
| R726 | 1-240-855-81 | CARBON | 6.2K | 5% | 1/4W F |
| R727 | 1-247-847-11 | CARBON | 4.7K | 5% | 1/4W |
| R728 | 1-234-182-11 | ENCAPSULATED COMPONENT 0.22X2 5W | | | |
| R729 | 1-249-419-11 | CARBON | 1.5K | 5% | 1/4W |
| R730 | 1-259-476-61 | CARBON | 100K | 5% | 1/6W |
| R731 | 1-249-393-11 | CARBON | 10 | 5% | 1/4W F |
| R732 | 1-249-435-11 | CARBON | 33K | 5% | 1/4W |
| R733 | 1-249-431-11 | CARBON | 15K | 5% | 1/4W |
| R734 | 1-249-431-11 | CARBON | 15K | 5% | 1/4W |
| R735 | 1-259-468-61 | CARBON | 47K | 5% | 1/6W |
| R736 | 1-247-863-11 | CARBON | 22K | 5% | 1/4W |
| R737 | 1-259-468-61 | CARBON | 47K | 5% | 1/6W |
| R739 | 1-249-389-11 | CARBON | 4.7 | 5% | 1/4W F |
| R746 | 1-247-847-11 | CARBON | 4.7K | 5% | 1/4W (US,CND,E2) |
| R746 | 1-249-427-11 | CARBON | 6.8K | 5% | 1/4W (AR,MY,SP) |
| R751 | 1-259-428-61 | CARBON | 1K | 5% | 1/6W |
| R772 | 1-259-476-61 | CARBON | 100K | 5% | 1/6W |
| R793 | 1-249-429-11 | CARBON | 10K | 5% | 1/4W |
| R794 | 1-259-476-61 | CARBON | 100K | 5% | 1/6W |
| R795 | 1-259-428-61 | CARBON | 1K | 5% | 1/6W |
| R824 | 1-247-847-11 | CARBON | 4.7K | 5% | 1/4W |
| R830 | 1-249-399-11 | CARBON | 33 | 5% | 1/4W F |

< RELAY >

| | | |
|---|---|---|
| RY240 | 1-755-170-11 | RELAY (12V) |
| RY300 | 1-755-486-11 | RELAY |
| RY351 | 1-755-267-11 | RELAY |
| RY400 | 1-755-170-11 | RELAY (12V) |
| RY600 | 1-755-170-11 | RELAY (12V) |
| RY700 | 1-755-170-11 | RELAY (12V) |
| RY802 | 1-755-520-11 | RELAY |
| RY803 | 1-755-520-11 | RELAY |

< TERMINAL BOARD >

| | | |
|---|---|---|
| TM601 | 1-694-992-11 | TERMINAL BOARD (2P) (SPEAKERS CENTER) |
| TM602 | 1-694-935-12 | TERMINAL BOARD (8P) (SPEAKERS SURROUND,SURROUND BACK) |

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| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| | | OPT3 BOARD | | | |
| | | ********** | | | |
| | | < CAPACITOR > | | | |
| C2003 | 1-164-159-11 | CERAMIC | 0.1uF | | 50V |
| | | < CONNECTOR > | | | |
| CN291 | 1-779-978-11 | PIN, CONNECTOR 3P | | | |
| | | < IC > | | | |
| IC2010 | 6-600-057-01 | IC TORX141PL (VIDEO 3 INPUT DIGITAL(OPT)) | | | |
| | | < COIL > | | | |
| L2002 | 1-410-517-11 | INDUCTOR | 47uH | | |
| | | < RESISTOR > | | | |
| R2002 | 1-247-807-31 | CARBON | 100 | 5% | 1/4W |
| ********** | | | | | |
| | | POWER BOARD | | | |
| | | ********** | | | |
| | | < CAPACITOR > | | | |
| C188 | 1-126-947-11 | ELECT | 47uF | 20% | 35V |
| | | < CONNECTOR > | | | |
| CN105 | 1-573-787-11 | SOCKET, CONNECTOR 6P | | | |
| | | < IC > | | | |
| IC103 | 6-600-349-31 | IC NJL24H400A (IR) | | | |
| | | < RESISTOR > | | | |
| R114 | 1-247-847-11 | CARBON | 4.7K | 5% | 1/4W |
| R115 | 1-249-429-11 | CARBON | 10K | 5% | 1/4W |
| R116 | 1-247-863-11 | CARBON | 22K | 5% | 1/4W |
| R186 | 1-249-393-11 | CARBON | 10 | 5% | 1/4W F |
| R187 | 1-247-807-31 | CARBON | 100 | 5% | 1/4W |
| | | < SWITCH > | | | |
| S114 | 1-771-410-21 | SWITCH, TACTILE (DIMMER) | | | |
| S115 | 1-771-410-21 | SWITCH, TACTILE (DISPLAY) | | | |
| S116 | 1-771-410-21 | SWITCH, TACTILE (SPEAKERS (OFF/A/B/A+B)) | | | |
| S141 | 1-771-410-21 | SWITCH, TACTILE (I/⏻) | | | |
| ********** | | | | | |
| | | SPEAKER BOARD | | | |
| | | ********** | | | |
| | | < CONNECTOR > | | | |
| CNP851 | 1-785-102-11 | PIN, CONNECTOR (3.96mm PITCH) 4P | | | |
| CNP852 | 1-691-766-11 | PLUG (MICRO CONNECTOR) 4P | | | |
| | | < DIODE > | | | |
| D2880 | 8-719-991-33 | DIODE 1SS133T-77 | | | |
| D2881 | 8-719-991-33 | DIODE 1SS133T-77 | | | |

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| | | < TRANSISTOR > | | | |
| Q2880 | 8-729-119-79 | TRANSISTOR 2SC2785-FEK | | | |
| Q2881 | 8-729-119-79 | TRANSISTOR 2SC2785-FEK | | | |
| | | < RESISTOR > | | | |
| R2870 | 1-249-402-11 | CARBON | 56 | 5% | 1/4W F |
| R2871 | 1-247-847-11 | CARBON | 4.7K | 5% | 1/4W |
| R2872 | 1-249-402-11 | CARBON | 56 | 5% | 1/4W F |
| R2873 | 1-247-847-11 | CARBON | 4.7K | 5% | 1/4W |
| | | < RELAY > | | | |
| RY2880 | 1-755-170-11 | RELAY (12V) | | | |
| RY2881 | 1-755-170-11 | RELAY (12V) | | | |
| | | < TERMINAL BOARD > | | | |
| TM2880 | 1-694-935-12 | TERMINAL BOARD (8P) (SPEAKERS FRONT A,FRONT B) | | | |
| ********** | | | | | |
| | A-1062-918-A | STBY BOARD, COMPLETE (MY,SP) | | | |
| | A-4751-322-A | STBY BOARD, COMPLETE (US,CND) | | | |
| | A-4752-105-A | STBY BOARD, COMPLETE (E2) | | | |
| | A-4753-119-A | STBY BOARD, COMPLETE (AR) | | | |
| | | ********** | | | |
| | 1-533-293-11 | HOLDER, FUSE | | | |
| | | < CAPACITOR > | | | |
| C851 | 1-126-936-11 | ELECT | 3300uF | 20% | 16V |
| C852 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C853 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C861 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C862 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C863 | 1-126-941-11 | ELECT | 470uF | 20% | 25V |
| C864 | 1-126-943-11 | ELECT | 2200uF | 20% | 25V |
| C901 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C902 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C903 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C921 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C922 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C923 | 1-126-959-11 | ELECT | 0.47uF | 20% | 50V |
| C924 | 1-126-936-11 | ELECT | 3300uF | 20% | 16V |
| | | < CONNECTOR > | | | |
| CNP810 | 1-779-799-11 | PIN, CONNECTOR 9P | | | |
| CNP815 | 1-691-767-11 | PLUG (MICRO CONNECTOR) 5P | | | |
| CNP901 | 1-564-321-00 | PIN, CONNECTOR (3.96mm PITCH) 2P | | | |
| * CNP905 | 1-565-792-11 | PIN, CONNECTOR (3.96mm PITCH) 2P | | | |
| | | < DIODE > | | | |
| D851 | 8-719-053-18 | DIODE 1SR154-400TE-25 | | | |
| D852 | 8-719-053-18 | DIODE 1SR154-400TE-25 | | | |
| D853 | 8-719-053-18 | DIODE 1SR154-400TE-25 | | | |
| D854 | 8-719-053-18 | DIODE 1SR154-400TE-25 | | | |
| D865 | 8-719-028-23 | DIODE D3SBA20-4101 | | | |
| D911 | 8-719-016-74 | DIODE 1SS352 | | | |
| D921 | 8-719-053-18 | DIODE 1SR154-400TE-25 | | | |
| D922 | 8-719-053-18 | DIODE 1SR154-400TE-25 | | | |
| D923 | 8-719-053-18 | DIODE 1SR154-400TE-25 | | | |

**STBY** **S-VIDEO** **TUNING**

| Ref. No. | Part No. | Description | Remark |
|---|---|---|---|
| D924 | 8-719-053-18 | DIODE 1SR154-400TE-25 | |
| D925 | 8-719-016-74 | DIODE 1SS352 | |
| D926 | 8-719-016-74 | DIODE 1SS352 | |
| | | < EARTH TERMINAL > | |
| * ETP901 | 1-537-738-21 | TERMINAL, EARTH | |
| * ETP902 | 1-537-738-21 | TERMINAL, EARTH | |
| | | < AC OUTLET > | |
| ⚠J911 | 1-251-718-11 | OUTLET (2 GANG), AC (AC OUTLET) (US,CND) | |
| ⚠J911 | 1-785-285-11 | OUTLET (1 GANG), AC (AC OUTLET) (MY,SP) | |
| ⚠J911 | 1-785-834-11 | OUTLET (1 GANG), AC (AC OUTLET) (E2) | |
| | | < TRANSISTOR > | |
| Q911 | 8-729-230-49 | TRANSISTOR 2SC2712-YG | |
| Q921 | 8-729-230-49 | TRANSISTOR 2SC2712-YG | |
| | | < RESISTOR > | |
| ⚠R851 | 1-240-877-11 | FUSIBLE 0.15 5% 1/2W F | |
| ⚠R861 | 1-219-591-11 | FUSIBLE 0.1 5% 1/2W F | |
| ⚠R862 | 1-219-591-11 | FUSIBLE 0.1 5% 1/2W F | |
| ⚠R901 | 1-219-237-11 | SOLID 3.3M 20% 1/2W F (US,CND) | |
| R904 | 1-249-381-11 | CARBON 1 5% 1/4W F | |
| R912 | 1-216-841-11 | METAL CHIP 47K 5% 1/10W | |
| R913 | 1-216-829-11 | METAL CHIP 4.7K 5% 1/10W | |
| R921 | 1-216-841-11 | METAL CHIP 47K 5% 1/10W | |
| R922 | 1-216-839-11 | METAL CHIP 33K 5% 1/10W | |
| R923 | 1-216-833-11 | METAL CHIP 10K 5% 1/10W | |
| | | < RELAY > | |
| ⚠RY911 | 1-755-519-11 | RELAY | |
| | | < TRANSFORMER > | |
| ⚠T902 | 1-435-281-11 | TRANSFORMER, POWER (US,CND) | |
| ⚠T902 | 1-435-282-11 | TRANSFORMER, POWER (AR,MY,SP) | |
| ⚠T902 | 1-435-283-11 | TRANSFORMER, POWER (E2) | |
| ********** | | | |
| | | S-VIDEO BOARD | |
| | | ********** | |
| | | < CAPACITOR > | |
| C2106 | 1-128-817-11 | CERAMIC 470PF 5% 50V | |
| C2107 | 1-128-805-11 | CERAMIC 47PF 5% 50V | |
| C2108 | 1-128-805-11 | CERAMIC 47PF 5% 50V | |
| C2109 | 1-126-964-11 | ELECT 10uF 20% 50V | |
| C2110 | 1-164-159-11 | CERAMIC 0.1uF 50V | |
| C2111 | 1-126-964-11 | ELECT 10uF 20% 50V | |
| C2112 | 1-164-159-11 | CERAMIC 0.1uF 50V | |
| C2113 | 1-128-817-11 | CERAMIC 470PF 5% 50V | |
| C2114 | 1-164-159-11 | CERAMIC 0.1uF 50V | |
| C2115 | 1-128-805-11 | CERAMIC 47PF 5% 50V | |
| C2116 | 1-128-805-11 | CERAMIC 47PF 5% 50V | |
| C2117 | 1-126-964-11 | ELECT 10uF 20% 50V | |
| C2118 | 1-164-159-11 | CERAMIC 0.1uF 50V | |
| C2119 | 1-128-817-11 | CERAMIC 470PF 5% 50V | |
| C2120 | 1-164-159-11 | CERAMIC 0.1uF 50V | |

| Ref. No. | Part No. | Description | Remark |
|---|---|---|---|
| C2121 | 1-126-947-11 | ELECT 47uF 20% 35V | |
| C2124 | 1-126-947-11 | ELECT 47uF 20% 35V | |
| C2125 | 1-164-159-11 | CERAMIC 0.1uF 50V | |
| C2127 | 1-164-159-11 | CERAMIC 0.1uF 50V | |
| | | < CONNECTOR > | |
| CNS202 | 1-784-776-11 | CONNECTOR, FFC 15P | |
| CNS204 | 1-568-828-11 | CONNECTOR, FFC 9P | |
| | | < DIODE > | |
| D2102 | 8-719-991-33 | DIODE 1SS133T-77 | |
| D2103 | 8-719-991-33 | DIODE 1SS133T-77 | |
| | | < IC > | |
| IC2101 | 6-701-890-01 | IC NJM2595D | |
| IC2102 | 6-701-890-01 | IC NJM2595D | |
| | | < JACK > | |
| J2104 | 1-537-943-11 | CONNECTOR (DIN) 1P (MONITOR S-VIDEO OUT) | |
| J2105 | 1-794-937-11 | CONNECTOR (DIN) 2P (TV/SAT S-VIDEO IN, DVD S-VIDEO IN) | |
| J2106 | 1-794-937-11 | CONNECTOR (DIN) 2P (VIDEO 1 S-VIDEO OUT/IN) | |
| | | < RESISTOR > | |
| R2103 | 1-247-804-11 | CARBON 75 5% 1/4W | |
| R2104 | 1-247-804-11 | CARBON 75 5% 1/4W | |
| R2105 | 1-247-804-11 | CARBON 75 5% 1/4W | |
| R2106 | 1-247-804-11 | CARBON 75 5% 1/4W | |
| R2107 | 1-247-804-11 | CARBON 75 5% 1/4W | |
| R2108 | 1-247-804-11 | CARBON 75 5% 1/4W | |
| R2109 | 1-247-804-11 | CARBON 75 5% 1/4W | |
| R2110 | 1-247-804-11 | CARBON 75 5% 1/4W | |
| R2111 | 1-247-804-11 | CARBON 75 5% 1/4W | |
| R2112 | 1-247-804-11 | CARBON 75 5% 1/4W | |
| ********** | | | |
| | | TUNING BOARD | |
| | | ********** | |
| | | < CONNECTOR > | |
| * CNP102 | 1-764-210-11 | CONNECTOR, BOARD TO BOARD 12P | |
| | | < RESISTOR > | |
| R104 | 1-249-429-11 | CARBON 10K 5% 1/4W | |
| R105 | 1-247-863-11 | CARBON 22K 5% 1/4W | |
| R106 | 1-247-871-11 | CARBON 47K 5% 1/4W | |
| R121 | 1-247-831-11 | CARBON 1K 5% 1/4W | |
| R122 | 1-249-421-11 | CARBON 2.2K 5% 1/4W | |
| R123 | 1-249-421-11 | CARBON 2.2K 5% 1/4W | |
| R124 | 1-247-847-11 | CARBON 4.7K 5% 1/4W | |
| R125 | 1-249-429-11 | CARBON 10K 5% 1/4W | |
| R126 | 1-247-863-11 | CARBON 22K 5% 1/4W | |
| | | < ROTARY ENCODER > | |
| RV102 | 1-418-817-11 | ENCODER, ROTARY (–/+) | |

| | |
|---|---|
| The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.<br>Replace only with part number specified. | Les composants identifiés par une marque ⚠ sont critiques pour la sécurité.<br>Ne les remplacer que par une piéce portant le numéro spécifié. |

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| | | < SWITCH > | | | |
| S104 | 1-771-410-21 | SWITCH, TACTILE (ENTER) | | | |
| S105 | 1-771-410-21 | SWITCH, TACTILE (MAIN MENU) | | | |
| S106 | 1-771-410-21 | SWITCH, TACTILE (MEMORY) | | | |
| S120 | 1-771-410-21 | SWITCH, TACTILE (>) | | | |
| S121 | 1-771-410-21 | SWITCH, TACTILE (<) | | | |
| S122 | 1-771-410-21 | SWITCH, TACTILE (FM MODE) | | | |
| S123 | 1-771-410-21 | SWITCH, TACTILE (TUNING –) | | | |
| S124 | 1-771-410-21 | SWITCH, TACTILE (PRESET TUNING –) | | | |
| S125 | 1-771-410-21 | SWITCH, TACTILE (PRESET TUNING +) | | | |
| S126 | 1-771-410-21 | SWITCH, TACTILE (TUNING +) | | | |
| ********** | | | | | |
| | A-4751-328-A | UP CONVERT BOARD, COMPLETE (US,CND) | | | |
| | | ********** | | | |
| | | < CAPACITOR > | | | |
| C3100 | 1-162-919-11 | CERAMIC CHIP | 22PF | 5% | 50V (US,CND) |
| C3101 | 1-162-916-11 | CERAMIC CHIP | 12PF | 5% | 50V (US,CND) |
| C3102 | 1-126-947-11 | ELECT | 47uF | 20% | 35V (US,CND) |
| C3103 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V (US,CND) |
| C3104 | 1-126-947-11 | ELECT | 47uF | 20% | 35V (US,CND) |
| C3105 | 1-104-658-11 | ELECT | 100uF | 20% | 10V (US,CND) |
| C3106 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V (US,CND) |
| C3107 | 1-162-974-11 | CERAMIC CHIP | 0.01uF | | 50V (US,CND) |
| C3108 | 1-126-959-11 | ELECT | 0.47uF | 20% | 50V (US,CND) |
| C3109 | 1-162-974-11 | CERAMIC CHIP | 0.01uF | | 50V (US,CND) |
| C3110 | 1-162-974-11 | CERAMIC CHIP | 0.01uF | | 50V (US,CND) |
| C3111 | 1-162-974-11 | CERAMIC CHIP | 0.01uF | | 50V (US,CND) |
| C3112 | 1-162-956-11 | CERAMIC CHIP | 180PF | 5% | 50V (US,CND) |
| C3113 | 1-162-974-11 | CERAMIC CHIP | 0.01uF | | 50V (US,CND) |
| C3114 | 1-162-974-11 | CERAMIC CHIP | 0.01uF | | 50V (US,CND) |
| C3115 | 1-162-974-11 | CERAMIC CHIP | 0.01uF | | 50V (US,CND) |
| C3116 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V (US,CND) |
| C3117 | 1-104-658-11 | ELECT | 100uF | 20% | 10V (US,CND) |
| C3118 | 1-162-919-11 | CERAMIC CHIP | 22PF | 5% | 50V (US,CND) |
| C3119 | 1-162-916-11 | CERAMIC CHIP | 12PF | 5% | 50V (US,CND) |
| C3120 | 1-126-947-11 | ELECT | 47uF | 20% | 35V (US,CND) |
| C3121 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V (US,CND) |

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| C3123 | 1-104-658-11 | ELECT | 100uF | 20% | 10V (US,CND) |
| C3124 | 1-162-919-11 | CERAMIC CHIP | 22PF | 5% | 50V (US,CND) |
| C3125 | 1-162-916-11 | CERAMIC CHIP | 12PF | 5% | 50V (US,CND) |
| C3126 | 1-130-495-00 | MYLAR | 0.1uF | 5% | 50V (US,CND) |
| C3127 | 1-162-924-11 | CERAMIC CHIP | 56PF | 5% | 50V (US,CND) |
| C3128 | 1-126-961-11 | ELECT | 2.2uF | 20% | 50V (US,CND) |
| C3129 | 1-162-974-11 | CERAMIC CHIP | 0.01uF | | 50V (US,CND) |
| C3130 | 1-126-963-11 | ELECT | 4.7uF | 20% | 50V (US,CND) |
| C3131 | 1-162-974-11 | CERAMIC CHIP | 0.01uF | | 50V (US,CND) |
| C3132 | 1-164-392-11 | CERAMIC CHIP | 390PF | 5% | 50V (US,CND) |
| C3133 | 1-164-739-11 | CERAMIC CHIP | 560PF | 5% | 50V (US,CND) |
| C3134 | 1-126-959-11 | ELECT | 0.47uF | 20% | 50V (US,CND) |
| C3135 | 1-162-917-11 | CERAMIC CHIP | 15PF | 5% | 50V (US,CND) |
| C3136 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V (US,CND) |
| C3137 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V (US,CND) |
| C3138 | 1-126-947-11 | ELECT | 47uF | 20% | 35V (US,CND) |
| | | < CONNECTOR > | | | |
| CN3101 | 1-766-724-11 | CONNECTOR, BOARD TO BOARD 7P (US,CND) | | | |
| | | < FERRITE BEAD > | | | |
| FB3101 | 1-469-152-11 | FERRITE, EMI (SMD) (2012) (US,CND) | | | |
| FB3102 | 1-469-152-11 | FERRITE, EMI (SMD) (2012) (US,CND) | | | |
| FB3103 | 1-469-152-11 | FERRITE, EMI (SMD) (2012) (US,CND) | | | |
| | | < IC > | | | |
| IC3100 | 8-759-678-99 | IC TC90A45F (US,CND) | | | |
| IC3101 | 8-759-826-19 | IC MM1093NF (US,CND) | | | |
| | | < JUMPER RESISTOR > | | | |
| JW3121 | 1-216-295-11 | SHORT CHIP | 0 (US,CND) | | |
| JW3122 | 1-216-295-11 | SHORT CHIP | 0 (US,CND) | | |
| JW3123 | 1-216-295-11 | SHORT CHIP | 0 (US,CND) | | |
| | | < COIL > | | | |
| L3100 | 1-412-064-11 | INDUCTOR | 100uH (US,CND) | | |
| L3101 | 1-412-011-31 | INDUCTOR | 27uH (US,CND) | | |
| L3102 | 1-412-064-11 | INDUCTOR | 100uH (US,CND) | | |
| L3103 | 1-412-011-31 | INDUCTOR | 27uH (US,CND) | | |
| L3104 | 1-412-011-31 | INDUCTOR | 27uH (US,CND) | | |
| L3105 | 1-414-194-11 | INDUCTOR | 33uH (US,CND) | | |

# UP CONVERT VIDEO

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| | | < TRANSISTOR > | | | |
| Q3100 | 8-729-230-49 | TRANSISTOR 2SC2712-YG (US,CND) | | | |
| Q3101 | 8-729-230-49 | TRANSISTOR 2SC2712-YG (US,CND) | | | |
| Q3102 | 8-729-216-22 | TRANSISTOR 2SA1162-G (US,CND) | | | |
| Q3103 | 8-729-230-49 | TRANSISTOR 2SC2712-YG (US,CND) | | | |
| Q3104 | 8-729-230-49 | TRANSISTOR 2SC2712-YG (US,CND) | | | |
| Q3105 | 8-729-230-49 | TRANSISTOR 2SC2712-YG (US,CND) | | | |
| Q3106 | 8-729-216-22 | TRANSISTOR 2SA1162-G (US,CND) | | | |
| Q3107 | 8-729-216-22 | TRANSISTOR 2SA1162-G (US,CND) | | | |
| Q3108 | 8-729-230-49 | TRANSISTOR 2SC2712-YG (US,CND) | | | |
| Q3109 | 8-729-230-49 | TRANSISTOR 2SC2712-YG (US,CND) | | | |
| Q3110 | 8-729-230-49 | TRANSISTOR 2SC2712-YG (US,CND) | | | |
| Q3111 | 8-729-216-22 | TRANSISTOR 2SA1162-G (US,CND) | | | |
| Q3112 | 8-729-216-22 | TRANSISTOR 2SA1162-G (US,CND) | | | |
| | | < RESISTOR > | | | |
| R3101 | 1-216-822-11 | METAL CHIP | 1.2K | 5% | 1/10W (US,CND) |
| R3102 | 1-218-867-11 | METAL CHIP | 6.8K | 0.5% | 1/10W (US,CND) |
| R3103 | 1-216-818-11 | METAL CHIP | 560 | 5% | 1/10W (US,CND) |
| R3104 | 1-216-822-11 | METAL CHIP | 1.2K | 5% | 1/10W (US,CND) |
| R3105 | 1-216-820-11 | METAL CHIP | 820 | 5% | 1/10W (US,CND) |
| R3106 | 1-216-820-11 | METAL CHIP | 820 | 5% | 1/10W (US,CND) |
| R3107 | 1-216-834-11 | METAL CHIP | 12K | 5% | 1/10W (US,CND) |
| R3108 | 1-216-818-11 | METAL CHIP | 560 | 5% | 1/10W (US,CND) |
| R3110 | 1-216-820-11 | METAL CHIP | 820 | 5% | 1/10W (US,CND) |
| R3111 | 1-216-820-11 | METAL CHIP | 820 | 5% | 1/10W (US,CND) |
| R3112 | 1-216-818-11 | METAL CHIP | 560 | 5% | 1/10W (US,CND) |
| R3113 | 1-216-822-11 | METAL CHIP | 1.2K | 5% | 1/10W (US,CND) |
| R3114 | 1-218-867-11 | METAL CHIP | 6.8K | 0.5% | 1/10W (US,CND) |
| R3115 | 1-216-818-11 | METAL CHIP | 560 | 5% | 1/10W (US,CND) |
| R3116 | 1-216-822-11 | METAL CHIP | 1.2K | 5% | 1/10W (US,CND) |
| R3117 | 1-216-820-11 | METAL CHIP | 820 | 5% | 1/10W (US,CND) |
| R3118 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W (US,CND) |
| R3120 | 1-216-834-11 | METAL CHIP | 12K | 5% | 1/10W (US,CND) |
| R3121 | 1-216-818-11 | METAL CHIP | 560 | 5% | 1/10W (US,CND) |
| R3122 | 1-260-354-71 | CARBON | 150K | 5% | 1/2W F (US,CND) |
| R3123 | 1-216-820-11 | METAL CHIP | 820 | 5% | 1/10W (US,CND) |
| R3124 | 1-216-818-11 | METAL CHIP | 560 | 5% | 1/10W (US,CND) |

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| R3125 | 1-216-822-11 | METAL CHIP | 1.2K | 5% | 1/10W (US,CND) |
| R3126 | 1-218-867-11 | METAL CHIP | 6.8K | 0.5% | 1/10W (US,CND) |
| R3127 | 1-216-818-11 | METAL CHIP | 560 | 5% | 1/10W (US,CND) |
| R3128 | 1-216-822-11 | METAL CHIP | 1.2K | 5% | 1/10W (US,CND) |
| R3129 | 1-216-820-11 | METAL CHIP | 820 | 5% | 1/10W (US,CND) |
| R3130 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W (US,CND) |
| R3131 | 1-216-816-11 | METAL CHIP | 390 | 5% | 1/10W (US,CND) |
| R3132 | 1-216-834-11 | METAL CHIP | 12K | 5% | 1/10W (US,CND) |
| R3133 | 1-216-818-11 | METAL CHIP | 560 | 5% | 1/10W (US,CND) |
| R3134 | 1-260-354-71 | CARBON | 150K | 5% | 1/2W F (US,CND) |
| R3136 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W (US,CND) |
| R3137 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W (US,CND) |
| R3138 | 1-216-830-11 | METAL CHIP | 5.6K | 5% | 1/10W (US,CND) |
| R3139 | 1-216-835-11 | METAL CHIP | 15K | 5% | 1/10W (US,CND) |
| R3140 | 1-216-857-11 | METAL CHIP | 1M | 5% | 1/10W (US,CND) |
| R3141 | 1-216-816-11 | METAL CHIP | 390 | 5% | 1/10W (US,CND) |
| R3142 | 1-218-285-11 | METAL CHIP | 75 | 5% | 1/10W (US,CND) |
| R3143 | 1-218-285-11 | METAL CHIP | 75 | 5% | 1/10W (US,CND) |
| R3144 | 1-216-821-11 | METAL CHIP | 1K | 5% | 1/10W (US,CND) |
| R3145 | 1-216-819-11 | METAL CHIP | 680 | 5% | 1/10W (US,CND) |
| R3146 | 1-216-814-11 | METAL CHIP | 270 | 5% | 1/10W (US,CND) |
| | | < VIBRATOR > | | | |
| X3100 | 1-781-342-21 | OSCILLATOR, CRYSTAL (3.5795MHz) (US,CND) | | | |
| ********** | | | | | |
| | A-1060-737-A | VIDEO BOARD, COMPLETE (E2,AR,MY,SP) | | | |
| | A-4751-326-A | VIDEO BOARD, COMPLETE (US,CND) | | | |
| | | ********** | | | |
| | 7-685-646-79 | SCREW +BVTP 3X8 TYPE2 IT-3 | | | |
| | | < CAPACITOR > | | | |
| C2301 | 1-126-960-11 | ELECT | 1uF | 20% | 50V (US,CND) |
| C2302 | 1-126-925-11 | ELECT | 470uF | 20% | 10V (US,CND) |
| C2303 | 1-126-925-11 | ELECT | 470uF | 20% | 10V (US,CND) |
| C2304 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V (US,CND) |

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| C2305 | 1-126-947-11 | ELECT | 47uF | 20% | 35V (US,CND) |
| C2306 | 1-162-923-11 | CERAMIC CHIP | 47PF | 5% | 50V (US,CND) |
| C2320 | 1-126-964-11 | ELECT | 10uF | 20% | 50V (US,CND) |
| C2321 | 1-126-964-11 | ELECT | 10uF | 20% | 50V (US,CND) |
| C2322 | 1-126-964-11 | ELECT | 10uF | 20% | 50V (US,CND) |
| C2325 | 1-162-923-11 | CERAMIC CHIP | 47PF | 5% | 50V |
| C2328 | 1-126-964-11 | ELECT | 10uF | 20% | 50V |
| C2329 | 1-126-947-11 | ELECT | 47uF | 20% | 35V |
| C2330 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C2333 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C2334 | 1-126-947-11 | ELECT | 47uF | 20% | 35V |
| C2335 | 1-126-947-11 | ELECT | 47uF | 20% | 35V |
| C2336 | 1-126-947-11 | ELECT | 47uF | 20% | 35V |
| C2337 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C2338 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C2339 | 1-126-947-11 | ELECT | 47uF | 20% | 35V |
| C2340 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C2341 | 1-126-964-11 | ELECT | 10uF | 20% | 50V |
| C2342 | 1-126-964-11 | ELECT | 10uF | 20% | 50V |
| C2343 | 1-162-966-11 | CERAMIC CHIP | 0.0022uF | 10% | 50V |
| C2344 | 1-126-964-11 | ELECT | 10uF | 20% | 50V |
| C2345 | 1-162-966-11 | CERAMIC CHIP | 0.0022uF | 10% | 50V |
| C2346 | 1-162-923-11 | CERAMIC CHIP | 47PF | 5% | 50V |
| C2347 | 1-162-923-11 | CERAMIC CHIP | 47PF | 5% | 50V |
| C2348 | 1-162-923-11 | CERAMIC CHIP | 47PF | 5% | 50V |
| C2349 | 1-126-964-11 | ELECT | 10uF | 20% | 50V |
| C2350 | 1-162-966-11 | CERAMIC CHIP | 0.0022uF | 10% | 50V |
| C2351 | 1-126-964-11 | ELECT | 10uF | 20% | 50V |
| C2352 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C2354 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C2357 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C2358 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C2360 | 1-126-964-11 | ELECT | 10uF | 20% | 50V |
| C2361 | 1-126-964-11 | ELECT | 10uF | 20% | 50V |
| C2362 | 1-126-964-11 | ELECT | 10uF | 20% | 50V |
| C2363 | 1-126-964-11 | ELECT | 10uF | 20% | 50V |
| C2364 | 1-126-964-11 | ELECT | 10uF | 20% | 50V |
| C2370 | 1-126-965-11 | ELECT | 22uF | 20% | 50V (US,CND) |
| C2371 | 1-126-964-11 | ELECT | 10uF | 20% | 50V (US,CND) |
| C2372 | 1-126-964-11 | ELECT | 10uF | 20% | 50V (US,CND) |
| C2375 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C2377 | 1-126-947-11 | ELECT | 47uF | 20% | 35V |
| C2379 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| | | < CONNECTOR > | | | |
| CNP207 | 1-779-977-11 | PIN, CONNECTOR 6P | | | |
| CNP390 | 1-766-600-21 | CONNECTOR, BOARD TO BOARD 7P (US,CND) | | | |
| CNS201 | 1-784-776-11 | CONNECTOR, FFC 15P | | | |
| | | < DIODE > | | | |
| D2390 | 8-719-016-74 | DIODE 1SS352 (US,CND) | | | |
| D2392 | 8-719-016-74 | DIODE 1SS352 | | | |
| D2393 | 8-719-016-74 | DIODE 1SS352 | | | |
| | | < IC > | | | |
| IC2302 | 8-759-682-76 | IC BA7622F-E2-A (US,CND) | | | |
| IC2303 | 6-701-890-01 | IC NJM2595D | | | |
| IC2304 | 8-759-231-53 | IC TA7805S | | | |
| IC2305 | 8-759-071-48 | IC TA7807S | | | |
| IC2306 | 8-759-701-65 | IC NJM79M05FA | | | |
| IC2307 | 6-701-891-01 | IC NJM2581D | | | |
| IC2308 | 8-759-231-66 | IC TC74HC4053AP | | | |
| IC2309 | 8-759-231-58 | IC TA7812S | | | |
| | | < JACK > | | | |
| J2301 | 1-695-317-11 | JACK, PIN 2P (TV/SAT VIDEO IN, DVD VIDEO IN) | | | |
| J2302 | 1-695-317-11 | JACK, PIN 2P (VIDEO 2 VIDEO OUT/IN) | | | |
| J2303 | 1-770-337-11 | JACK, PIN 3P (VIDEO 1 VIDEO OUT/IN, MONITOR VIDEO OUT) | | | |
| J2304 | 1-816-592-11 | JACK, PIN 9P (COMPONENT VIDEO TV/SAT IN,DVD IN,MONITOR OUT) | | | |
| J2305 | 1-563-330-31 | JACK (CTRL A1 II) | | | |
| | | < TRANSISTOR > | | | |
| Q2347 | 8-729-027-43 | TRANSISTOR DTC114EKA-T146 | | | |
| Q2390 | 8-729-216-22 | TRANSISTOR 2SA1162-G (US,CND) | | | |
| Q2391 | 8-729-027-43 | TRANSISTOR DTC114EKA-T146 (US,CND) | | | |
| Q2392 | 8-729-230-49 | TRANSISTOR 2SC2712-YG (US,CND) | | | |
| Q2393 | 8-729-216-22 | TRANSISTOR 2SA1162-G (US,CND) | | | |
| Q2394 | 8-729-230-49 | TRANSISTOR 2SC2712-YG (US,CND) | | | |
| | | < RESISTOR > | | | |
| R2301 | 1-216-821-11 | METAL CHIP | 1K | 5% | 1/10W (US,CND) |
| R2302 | 1-216-821-11 | METAL CHIP | 1K | 5% | 1/10W (US,CND) |
| R2303 | 1-216-821-11 | METAL CHIP | 1K | 5% | 1/10W (US,CND) |
| R2315 | 1-218-285-11 | METAL CHIP | 75 | 5% | 1/10W |
| R2316 | 1-218-285-11 | METAL CHIP | 75 | 5% | 1/10W |
| R2317 | 1-218-285-11 | METAL CHIP | 75 | 5% | 1/10W |
| R2318 | 1-218-285-11 | METAL CHIP | 75 | 5% | 1/10W |
| R2319 | 1-218-285-11 | METAL CHIP | 75 | 5% | 1/10W |
| R2320 | 1-218-285-11 | METAL CHIP | 75 | 5% | 1/10W |
| R2321 | 1-218-285-11 | METAL CHIP | 75 | 5% | 1/10W |
| R2322 | 1-218-285-11 | METAL CHIP | 75 | 5% | 1/10W |
| R2323 | 1-216-821-11 | METAL CHIP | 1K | 5% | 1/10W (US,CND) |
| R2324 | 1-216-813-11 | METAL CHIP | 220 | 5% | 1/10W (US,CND) |
| R2325 | 1-216-823-11 | METAL CHIP | 1.5K | 5% | 1/10W (US,CND) |
| R2326 | 1-216-821-11 | METAL CHIP | 1K | 5% | 1/10W (US,CND) |
| R2327 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W (US,CND) |
| R2328 | 1-216-823-11 | METAL CHIP | 1.5K | 5% | 1/10W (US,CND) |
| R2329 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W (US,CND) |

# VIDEO | VIDEO (AU) | VOLUME | V3

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| R2330 | 1-216-825-11 | METAL CHIP | 2.2K | 5% | 1/10W (US,CND) |
| R2331 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W (US,CND) |
| R2332 | 1-216-825-11 | METAL CHIP | 2.2K | 5% | 1/10W (US,CND) |
| R2333 | 1-249-381-11 | CARBON | 1 | 5% | 1/4W F (US,CND) |
| R2334 | 1-218-285-11 | METAL CHIP | 75 | 5% | 1/10W |
| R2335 | 1-218-285-11 | METAL CHIP | 75 | 5% | 1/10W |
| R2336 | 1-218-285-11 | METAL CHIP | 75 | 5% | 1/10W |
| R2337 | 1-216-821-11 | METAL CHIP | 1K | 5% | 1/10W |
| R2338 | 1-216-821-11 | METAL CHIP | 1K | 5% | 1/10W |
| R2339 | 1-216-821-11 | METAL CHIP | 1K | 5% | 1/10W |
| R2340 | 1-218-285-11 | METAL CHIP | 75 | 5% | 1/10W |
| R2341 | 1-218-285-11 | METAL CHIP | 75 | 5% | 1/10W |
| R2342 | 1-218-285-11 | METAL CHIP | 75 | 5% | 1/10W |
| R2343 | 1-218-285-11 | METAL CHIP | 75 | 5% | 1/10W |
| R2344 | 1-218-285-11 | METAL CHIP | 75 | 5% | 1/10W |
| R2345 | 1-218-285-11 | METAL CHIP | 75 | 5% | 1/10W |
| R2346 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R2347 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W |
| R2348 | 1-216-821-11 | METAL CHIP | 1K | 5% | 1/10W |
| | | < RELAY > | | | |
| RY2390 | 1-755-184-11 | RELAY (US,CND) | | | |

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VIDEO (AU) BOARD
**********

< CAPACITOR >

| | | | | | |
|---|---|---|---|---|---|
| C2552 | 1-164-159-11 | CERAMIC | 0.1uF | | 50V |
| C2553 | 1-164-159-11 | CERAMIC | 0.1uF | | 50V |
| C2554 | 1-126-964-11 | ELECT | 10uF | 20% | 50V |
| C2555 | 1-126-964-11 | ELECT | 10uF | 20% | 50V |
| C2556 | 1-126-964-11 | ELECT | 10uF | 20% | 50V |
| C2557 | 1-126-964-11 | ELECT | 10uF | 20% | 50V |
| C2558 | 1-164-159-11 | CERAMIC | 0.1uF | | 50V |
| C2559 | 1-164-159-11 | CERAMIC | 0.1uF | | 50V |
| C2560 | 1-126-964-11 | ELECT | 10uF | 20% | 50V |
| C2561 | 1-126-964-11 | ELECT | 10uF | 20% | 50V |
| C2562 | 1-128-809-11 | CERAMIC | 100PF | 5% | 50V |
| C2563 | 1-128-809-11 | CERAMIC | 100PF | 5% | 50V |
| C2564 | 1-128-809-11 | CERAMIC | 100PF | 5% | 50V |
| C2565 | 1-126-964-11 | ELECT | 10uF | 20% | 50V |
| C2566 | 1-126-964-11 | ELECT | 10uF | 20% | 50V |

< CONNECTOR >

| | | |
|---|---|---|
| CNP208 | 1-784-930-11 | PIN, CONNECTOR 15P |

< IC >

| | | |
|---|---|---|
| IC2560 | 8-759-712-73 | IC TC9273N-006 |

< JACK >

| | | |
|---|---|---|
| J2551 | 1-774-785-11 | JACK, PIN 1P (PRE OUT SUB WOOFER) |
| J2552 | 1-774-411-11 | JACK, PIN 6P (TV/SAT AUDIO IN, DVD AUDIO IN,VIDEO 2 AUDIO OUT) |
| J2553 | 1-774-411-11 | JACK, PIN 6P (VIDEO 2 AUDIO IN, VIDEO 1 AUDIO OUT/IN) |

< RESISTOR >

| | | | | | |
|---|---|---|---|---|---|
| R2551 | 1-259-428-61 | CARBON | 1K | 5% | 1/6W |
| R2552 | 1-259-428-61 | CARBON | 1K | 5% | 1/6W |
| R2553 | 1-259-428-61 | CARBON | 1K | 5% | 1/6W |
| R2554 | 1-259-428-61 | CARBON | 1K | 5% | 1/6W |
| R2559 | 1-259-428-61 | CARBON | 1K | 5% | 1/6W |
| R2560 | 1-259-428-61 | CARBON | 1K | 5% | 1/6W |
| R2561 | 1-259-468-61 | CARBON | 47K | 5% | 1/6W |
| R2562 | 1-259-468-61 | CARBON | 47K | 5% | 1/6W |
| R2563 | 1-259-428-61 | CARBON | 1K | 5% | 1/6W |
| R2564 | 1-259-428-61 | CARBON | 1K | 5% | 1/6W |
| R2565 | 1-259-428-61 | CARBON | 1K | 5% | 1/6W |
| R2568 | 1-259-428-61 | CARBON | 1K | 5% | 1/6W |
| R2569 | 1-259-428-61 | CARBON | 1K | 5% | 1/6W |
| R2570 | 1-259-428-61 | CARBON | 1K | 5% | 1/6W |
| R2571 | 1-259-468-61 | CARBON | 47K | 5% | 1/6W |
| R2572 | 1-259-468-61 | CARBON | 47K | 5% | 1/6W |
| R2575 | 1-259-428-61 | CARBON | 1K | 5% | 1/6W |
| R2576 | 1-259-428-61 | CARBON | 1K | 5% | 1/6W |
| R2577 | 1-259-428-61 | CARBON | 1K | 5% | 1/6W |
| R2578 | 1-259-428-61 | CARBON | 1K | 5% | 1/6W |
| R2579 | 1-259-428-61 | CARBON | 1K | 5% | 1/6W |
| R2580 | 1-259-428-61 | CARBON | 1K | 5% | 1/6W |
| R2581 | 1-259-468-61 | CARBON | 47K | 5% | 1/6W |

**********

VOLUME BOARD
**********

< ROTARY ENCODER >

| | | |
|---|---|---|
| RV103 | 1-418-725-41 | ENCODER, ROTARY (12 TYPE) (MASTER VOLUME) |

**********

V3 BOARD
**********

< CAPACITOR >

| | | | | | |
|---|---|---|---|---|---|
| C2051 | 1-127-880-11 | CERAMIC | 0.022uF | 10% | 50V |
| C2052 | 1-127-876-11 | CERAMIC | 0.01uF | 10% | 50V |
| C2057 | 1-128-809-11 | CERAMIC | 100PF | 5% | 50V |
| C2058 | 1-128-809-11 | CERAMIC | 100PF | 5% | 50V |

< CONNECTOR >

| | | |
|---|---|---|
| CN299 | 1-784-922-11 | PIN, CONNECTOR 5P |

< JACK >

| | | |
|---|---|---|
| J2052 | 1-817-374-11 | JACK, PIN 3P (VIDEO 3 INPUT VIDEO,AUDIO L/R) |

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| Ref. No. | Part No. | Description | Remark |
|---|---|---|---|
| | | MISCELLANEOUS | |
| | | ********** | |
| 58 | 1-773-331-11 | WIRE (FLAT TYPE) (31 CORE) | |
| 102 | 1-769-937-11 | WIRE (FLAT TYPE) (11 CORE) | |
| 103 | 1-769-907-11 | WIRE (FLAT TYPE) (9 CORE) | |
| 104 | 1-773-001-11 | WIRE (FLAT TYPE) (15 CORE) | |
| ⚠108 | 1-769-744-11 | CORD, POWER (E2) | |
| ⚠108 | 1-777-071-23 | CORD, POWER (MY,SP) | |
| ⚠108 | 1-783-820-11 | CORD, POWER (US,CND) | |
| ⚠108 | 1-783-941-12 | CORD, POWER (AR) | |
| ⚠F901 | 1-532-464-32 | FUSE (T2.5AL/250V) (MY,SP) | |
| ⚠F901 | 1-532-465-32 | FUSE (T3.15AL/250V) (AR) | |
| ⚠F901 | 1-576-193-11 | FUSE (6.3A/125V) (US,CND) | |
| ⚠F902 | 1-532-464-32 | FUSE (T2.5AL/250V) (E2,MY,SP) | |
| ⚠F902 | 1-533-453-12 | FUSE, GLASS TUBE (DIA.5) (5A/125V) | (US,CND) |
| ⚠F904 | 1-532-504-51 | FUSE (T4AL/250V) (E2) | |
| Q423 | 8-729-051-92 | TRANSISTOR 2SD2560 (CND,E2,AR) | |
| Q423 | 8-749-010-25 | TRANSISTOR MN2488-OPY-M (US,MY,SP) | |
| Q424 | 8-729-051-93 | TRANSISTOR 2SB1647 (CND,E2,AR) | |
| Q424 | 8-749-010-26 | TRANSISTOR MP1620-OPY-M (US,MY,SP) | |
| Q473 | 8-729-051-92 | TRANSISTOR 2SD2560 (CND,E2,AR) | |
| Q473 | 8-749-010-25 | TRANSISTOR MN2488-OPY-M (US,MY,SP) | |
| Q474 | 8-729-051-93 | TRANSISTOR 2SB1647 (CND,E2,AR) | |
| Q474 | 8-749-010-26 | TRANSISTOR MP1620-OPY-M (US,MY,SP) | |
| Q523 | 8-729-051-92 | TRANSISTOR 2SD2560 (CND,E2,AR) | |
| Q523 | 8-749-010-25 | TRANSISTOR MN2488-OPY-M (US,MY,SP) | |
| Q524 | 8-729-051-93 | TRANSISTOR 2SB1647 (CND,E2,AR) | |
| Q524 | 8-749-010-26 | TRANSISTOR MP1620-OPY-M (US,MY,SP) | |
| Q573 | 8-729-051-92 | TRANSISTOR 2SD2560 (CND,E2,AR) | |
| Q573 | 8-749-010-25 | TRANSISTOR MN2488-OPY-M (US,MY,SP) | |
| Q574 | 8-729-051-93 | TRANSISTOR 2SB1647 (CND,E2,AR) | |
| Q574 | 8-749-010-26 | TRANSISTOR MP1620-OPY-M (US,MY,SP) | |
| Q623 | 8-729-051-92 | TRANSISTOR 2SD2560 (CND,E2,AR) | |
| Q623 | 8-749-010-25 | TRANSISTOR MN2488-OPY-M (US,MY,SP) | |
| Q624 | 8-729-051-93 | TRANSISTOR 2SB1647 (CND,E2,AR) | |
| Q624 | 8-749-010-26 | TRANSISTOR MP1620-OPY-M (US,MY,SP) | |
| Q673 | 8-729-051-92 | TRANSISTOR 2SD2560 (CND,E2,AR) | |
| Q673 | 8-749-010-25 | TRANSISTOR MN2488-OPY-M (US,MY,SP) | |
| Q674 | 8-729-051-93 | TRANSISTOR 2SB1647 (CND,E2,AR) | |
| Q674 | 8-749-010-26 | TRANSISTOR MP1620-OPY-M (US,MY,SP) | |
| Q723 | 8-729-051-92 | TRANSISTOR 2SD2560 (CND,E2,AR) | |
| Q723 | 8-749-010-25 | TRANSISTOR MN2488-OPY-M (US,MY,SP) | |
| Q724 | 8-729-051-93 | TRANSISTOR 2SB1647 (CND,E2,AR) | |
| Q724 | 8-749-010-26 | TRANSISTOR MP1620-OPY-M (US,MY,SP) | |
| ⚠T901 | 1-439-586-12 | TRANSFORMER, POWER (US,CND) | |
| ⚠T901 | 1-439-589-12 | TRANSFORMER, POWER (E2) | |
| ⚠T901 | 1-443-264-11 | TRANSFORMER, POWER (AR) | |
| ⚠T901 | 1-443-404-11 | TRANSFORMER, POWER (MY,SP) | |
| TN1 | 1-693-577-13 | TUNER PACK (ANTENNA) (EXCEPT MY,SP) | |
| TN1 | 1-693-580-21 | TUNER PACK (ANTENNA) (MY,SP) | |
| ********** | | | |

| Ref. No. | Part No. | Description | Remark |
|---|---|---|---|
| | | ACCESSORIES | |
| | | ********** | |
| | 1-478-633-11 | COMMANDER, STANDARD (RM-PP413) | (MY,SP) |
| | 1-478-634-11 | COMMANDER, STANDARD (RM-PG413) | (EXCEPT MY,SP) |
| | 1-501-374-12 | ANTENNA, LOOP (AM) | |
| | 1-501-807-12 | ANTENNA (FM) (MY,SP) | |
| ⚠ | 1-569-008-22 | ADAPTOR, CONVERSION 2P (E2) | |
| | 1-793-184-23 | CONNECTOR (F TYPE ADAPTOR) (FM) | (EXCEPT MY,SP) |
| | 3-071-119-01 | COVER, BATTERY (for RM-PG413/PP413) | |
| | 4-253-072-11 | MANUAL, INSTRUCTION (ENGLISH) | (EXCEPT MY,SP) |
| | 4-253-072-21 | MANUAL, INSTRUCTION (FRENCH) (CND,E2) | |
| | 4-253-072-31 | MANUAL, INSTRUCTION (SPANISH) (E2,AR) | |
| | 4-253-072-51 | MANUAL, INSTRUCTION (ENGLISH) (MY,SP) | |
| | 4-253-072-61 | MANUAL, INSTRUCTION (FRENCH) (MY,SP) | |
| | 4-253-072-71 | MANUAL, INSTRUCTION (SPANISH) (MY,SP) | |
| | 4-253-072-81 | MANUAL, INSTRUCTION (TRADITIONAL CHINESE) (MY,SP) | |

| | |
|---|---|
| The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.<br>Replace only with part number specified. | Les composants identifiés par une marque ⚠ sont critiques pour la sécurité.<br>Ne les remplacer que par une piéce portant le numéro spécifié. |

## REVISION HISTORY

Clicking the version allows you to jump to the revised page.
Also, clicking the version at the upper on the revised page allows you to jump to the next revised page.

| Ver. | Date | Description of Revision |
|---|---|---|
| 1.0 | 2004. 04 | New |
| 1.1 | 2004. 10 | Malaysia and Singapore model addition.<br>KNOB (FUNC) and KNOB (MENU) addition.<br>End of the part number of 8-729-042-29 is changed to -09.<br>(SPM-04105, SPM-04106) |
| 1.2 | 2005. 04 | Correction of part number for Ref. No. 51. (SPM-05022) |
| | | |
| | | |
| | |